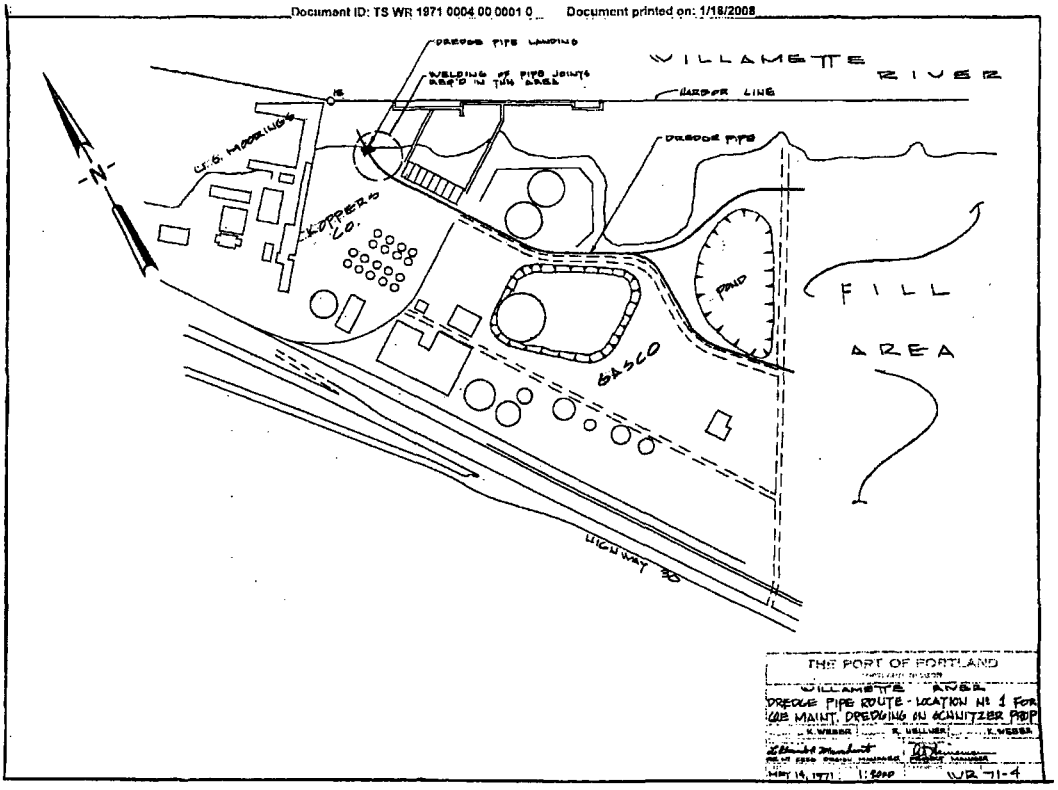
PORSF
11.3.245.IV80

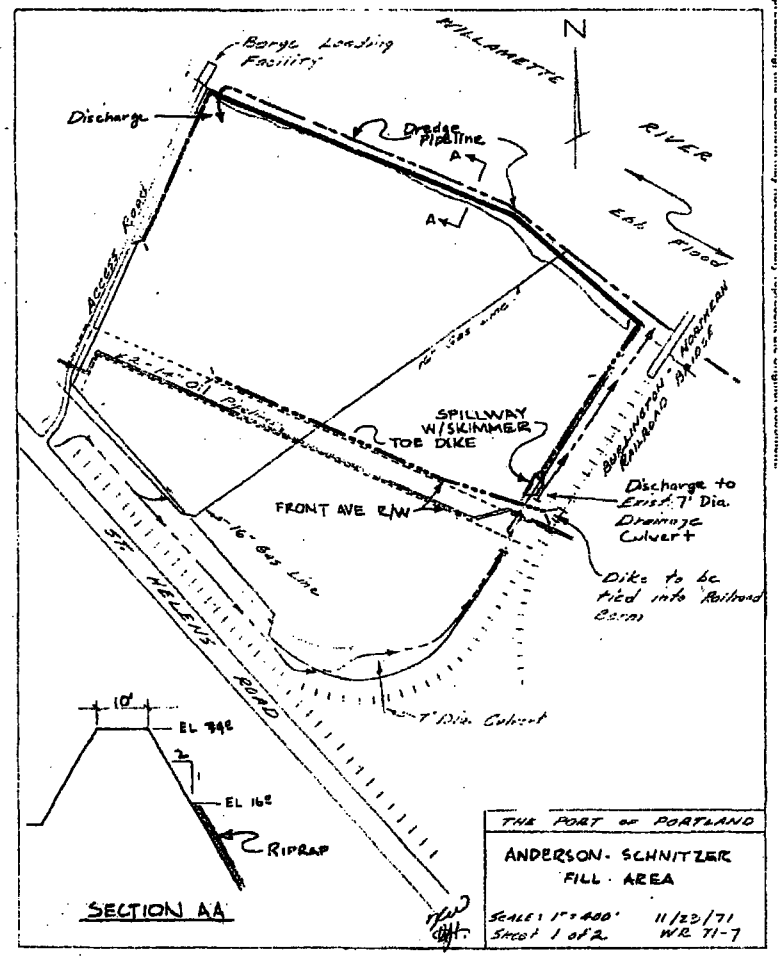
Document ID: TS WR 1971 0004 00 0001 0 Document printed on: 1/18/2008



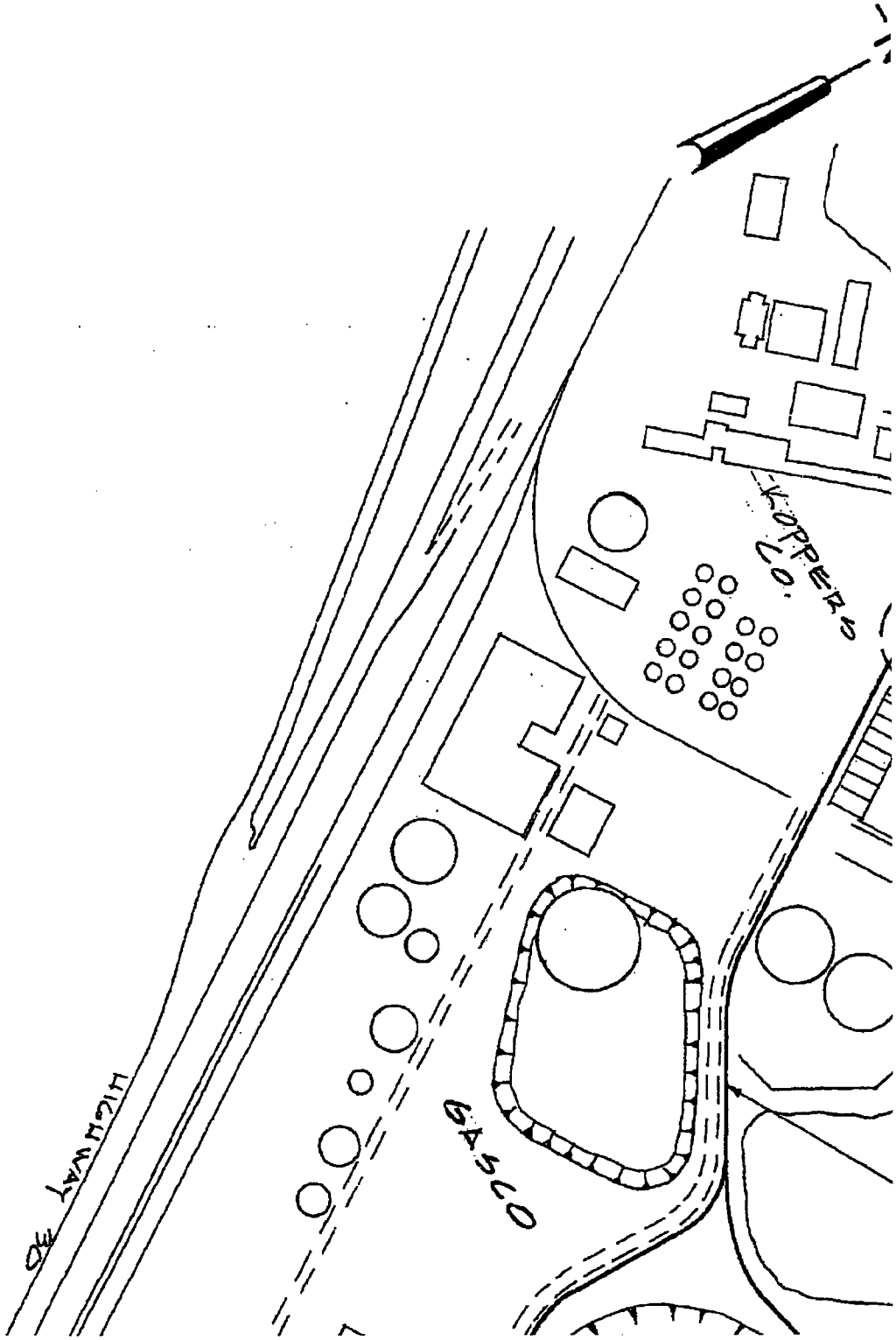
DISCLAIMER: Due to processing, this document may not accurately represent the original document.

SCHN00320252

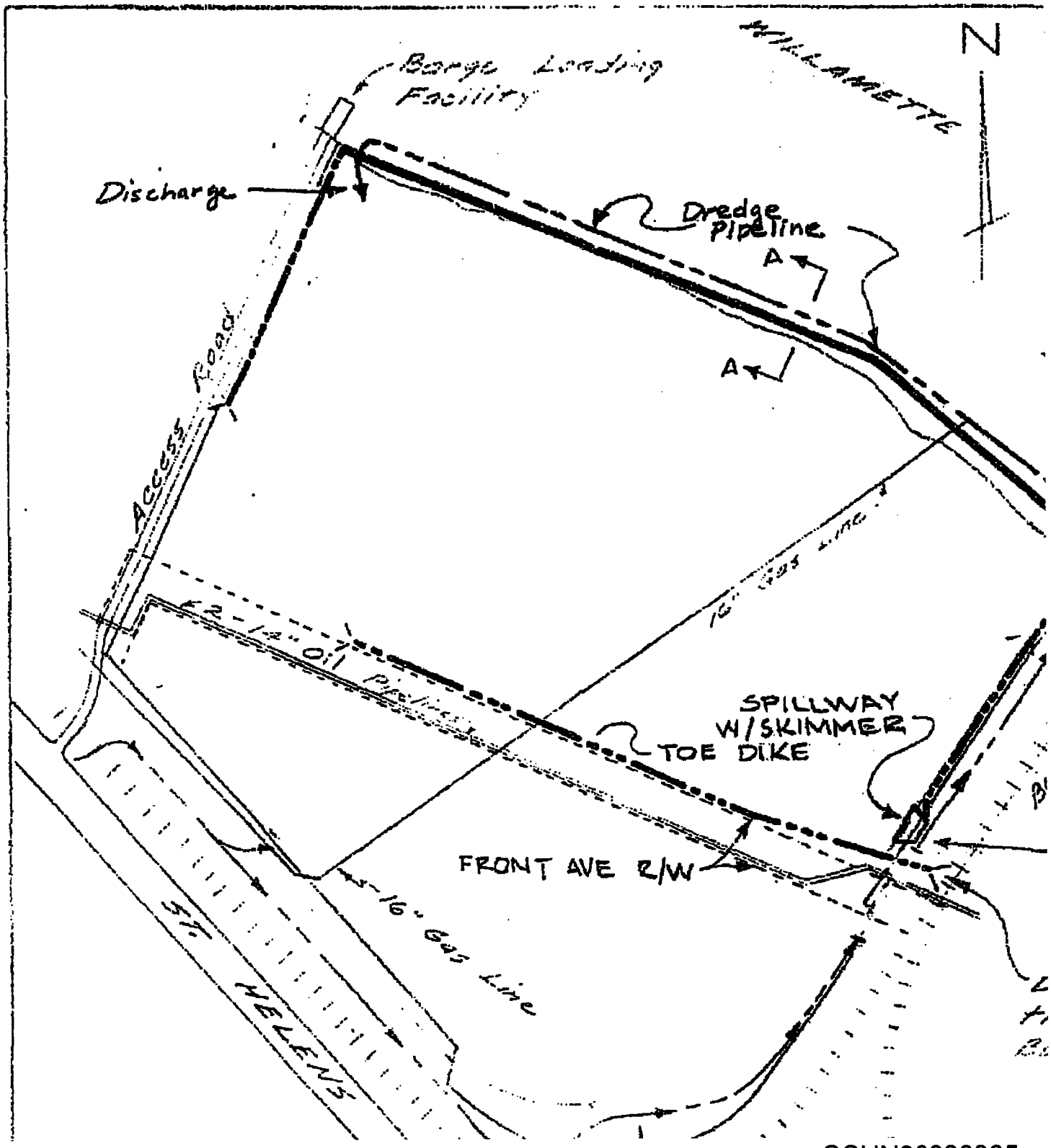
USEPA SF
1336549

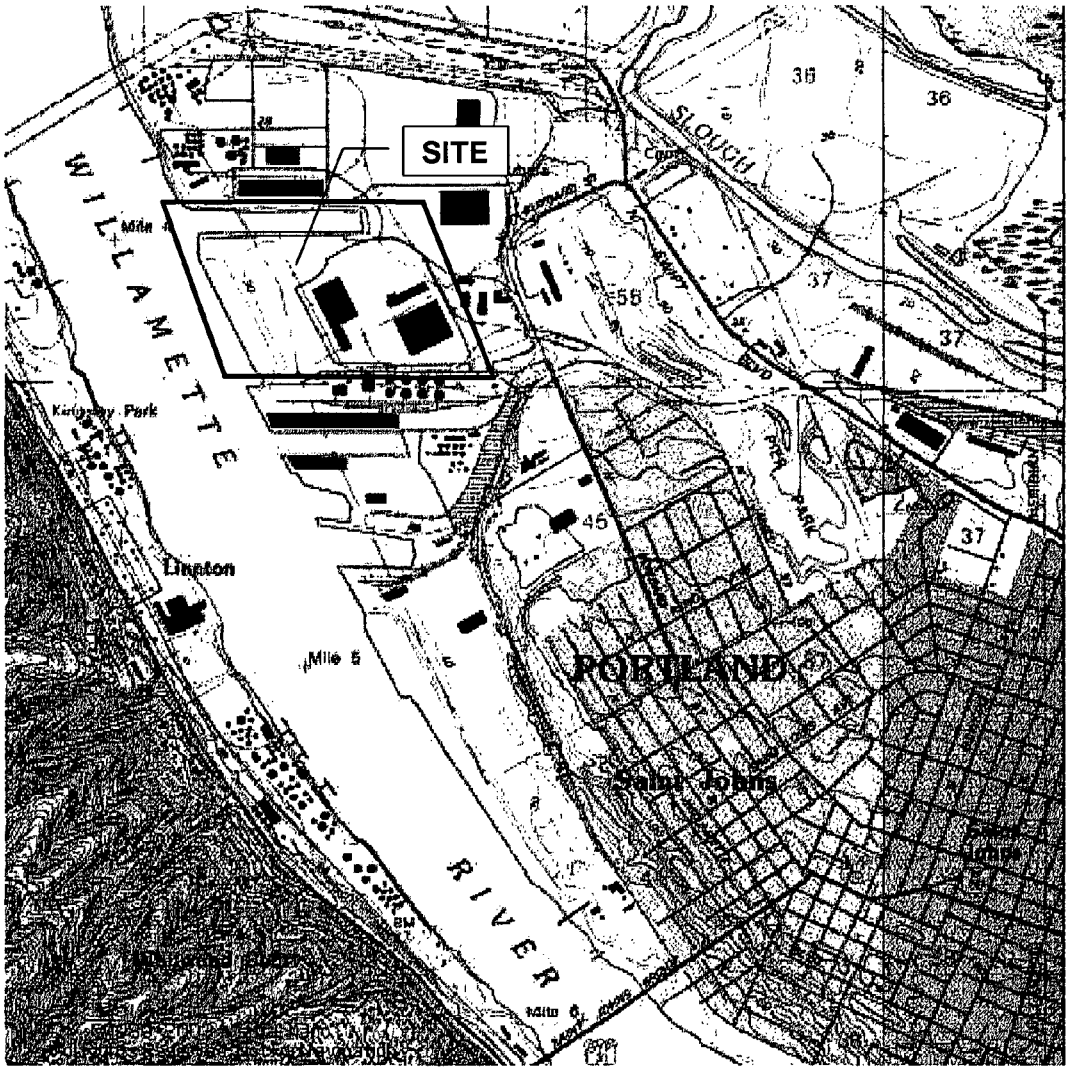


SCHN00320253



SCHN00320364

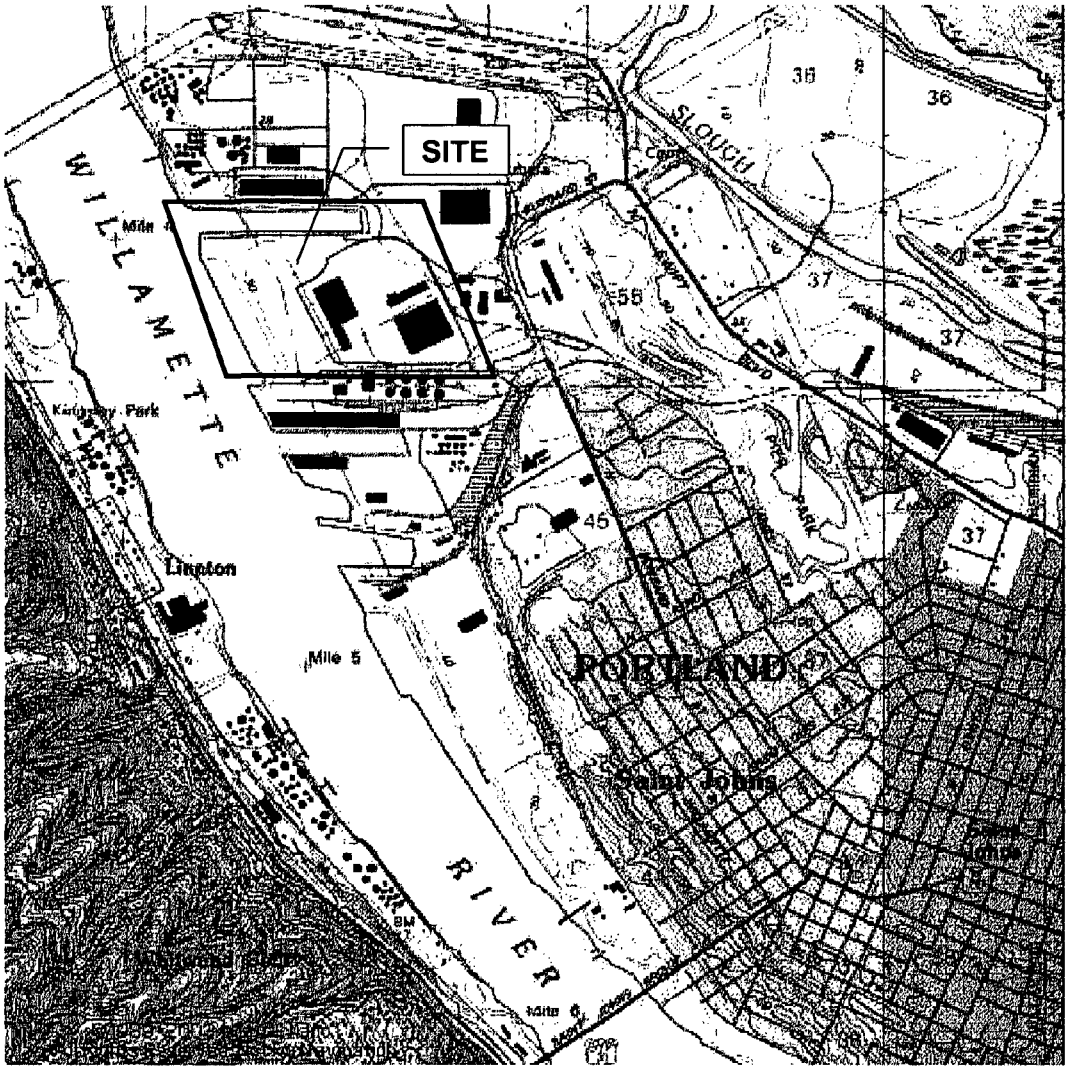

Barge Loading Facility
WILLAMETTE
N
Discharge
Dredge Pipeline
A
A
Access Road
16" Gas Line
12" 1/2" Oil Pipeline
SPILLWAY W/SKIMMER
TOE DIKE
FRONT AVE R/W
16" Gas Line
ST. HELENS



N

SCHNITZER STEEL PRODUCTS CO.
Portland, Oregon

Figure 1: Site Location Map



N

SCHNITZER STEEL PRODUCTS CO.
Portland, Oregon

Figure 1: Site Location Map

Table 1: Site Drainage Summary

OUTFALL ID [1]	DRAINAGE AREA ACTIVITIES	SIGNIFICANT MATERIALS	POTENTIAL POLLUTANTS	END-OF-PIPE TREATMENT	COLLECT SW SAMPLE
1	Entrance roadway, vehicle scales, vehicle parking and traffic, offices	Parked vehicles and traffic, ferrous and non-ferrous materials	Oil and grease, petroleum hydrocarbons, heavy metals (dust)	Coalescing Plate Oil/Water Separator	NO – intermittent discharge. Represented by Outfall 14
3A, 3B	Steel storage, bulk material (e.g., pig iron) storage, traffic	Steel and other ferrous materials, vehicles	Oil and grease, petroleum hydrocarbons, heavy metals (dust)	Oil/Water Separator, Sand Filter	YES
4A, 4B	Steel storage, bulk material (e.g., pig iron) storage, traffic	Steel and other ferrous materials, vehicles	Oil and grease, petroleum hydrocarbons, heavy metals (dust)	Oil/Water Separator, Sand Filter	YES
5A, 5B	Steel storage, bulk material (e.g., pig iron) storage, truck scales, traffic	Steel and other ferrous materials, crushed automobiles, traffic	Oil and grease, petroleum hydrocarbons, heavy metals (dust)	Oil/Water Separator, Sand Filter	YES
6A, 7	Ship slip and dock activities, scrap, steel and metal product loading and unloading	Heavy equipment, rail cranes, railroad cars and engines, scrap stockpiles	Oil and grease, petroleum hydrocarbons, heavy metals (dust)	Oil/Water Separator, Sand Filter	YES
13	Dock activities, scrap, steel and metal product loading and unloading	Shear, heavy equipment, railroad cars and engines, scrap stockpiles	Oil and grease, petroleum hydrocarbons, heavy metals (dust)	Eight-stage Oil/Water Separator	Represented by Outfall 14
14	Ferrous scrap storage, vehicle and rail road traffic, vehicle parking, offices	Vehicles, ferrous scrap	Oil and grease, petroleum hydrocarbons, heavy metals (dust)	Coalescing Plate Oil/Water Separator	YES
15	Ship slip and dock activities, scrap, steel and metal product loading and unloading	Heavy equipment, rail cranes, railroad cars and engines, scrap stockpiles	Oil and grease, petroleum hydrocarbons, heavy metals (dust)	Eight-stage Oil/Water Separator	YES
16	Vehicle parking, equipment storage, non-ferrous scrap receiving and storage, petroleum secondary containment area (under roof)	Parked vehicles, stored equipment, potential spillage	Oil and grease, petroleum hydrocarbons, antifreeze, heavy metals (dust)	Coalescing Plate Oil/Water Separator	Represented by Outfall 15
18	This outfall serves NW Pipe and adjacent properties (permitted separately). A small fuel island at the east end of the property (operated by SSP) is also served by this outfall.	Vehicle traffic, potential spillage	Oil and grease, petroleum hydrocarbons, heavy metals (dust)	N/A	N/A
19	Vehicle traffic, rail car storage	Vehicle traffic, potential spillage	Dust, roadway accumulations	None	Represented by Outfall 20
20	Rail car storage, scrap storage	Ferrous scrap, vehicle traffic, potential spillage	Heavy metals (dust), oil and grease	None	Yes

[1] - Outfall locations are shown on the Site Map provided with this SWPC Plan.
- Former Outfalls 2, 8, 9, 10, 11, and 12 have been abandoned. The discharge pipes have been removed and/or cut and grouted.
- Former Outfall 17 is a remnant of the historical shipyard. It is no longer connected to any catch basins at the site, and does not discharge stormwater.

	A	B	C	D	E	F	G
1		EventName	LocationName	XCoord	YCoord	CoordSysCd	SampleID
2	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
3	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
4	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
5	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
6	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
7	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
8	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
9	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
10	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
11	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
12	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
13	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
14	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
15	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
16	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
17	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
18	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
19	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
20	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
21	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
22	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
23	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
24	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
25	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
26	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
27	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
28	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
29	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
30	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
31	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
32	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
33	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
34	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
35	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
36	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
37	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
38	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
39	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
40	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
41	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
42	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
43	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR123
44	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
45	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123

	H	I	J	K	L	M	N	O
1	SampType	SampleDate	Media	MediaMod	Lab	MethExtract	MethAnalysis	AnalysisDate
2	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	4/11/2007
3	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/11/2007
4	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/2/2007
5	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
6	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
7	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
8	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
9	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
10	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
11	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
12	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
13	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
14	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
15	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	4/24/2007
16	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
17	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
18	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
19	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
20	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
21	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
22	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
23	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
24	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
25	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/19/2007
26	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
27	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
28	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
29	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
30	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
31	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
32	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
33	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
34	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
35	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
36	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
37	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
38	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
39	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
40	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
41	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
42	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
43	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
44	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	4/23/2007
45	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007

	P	Q	R	S	T	U	V	W
1	LabQc	Parameter	Instance	Fraction	Value	UnitRes	MeasBasisCd	InterptQual
2	Initial Analysis	Total Suspended Solids	1	NA	143	mg/L	#	
3	Initial Analysis	Total Organic Carbon	1	NA	9.2	mg/L	#	
4	Initial Analysis	Arsenic	1	Total	14.3	µg/L	#	
5	Initial Analysis	Antimony	1	Total	1.01	µg/L	#	
6	Initial Analysis	Cadmium	1	Total	0.403	µg/L	#	
7	Initial Analysis	Chromium	1	Total	21.3	µg/L	#	
8	Initial Analysis	Copper	1	Total	63.3	µg/L	#	
9	Initial Analysis	Lead	1	Total	23.9	µg/L	#	
10	Initial Analysis	Nickel	1	Total	6.83	µg/L	#	
11	Initial Analysis	Selenium	1	Total	0.6	µg/L	#	J
12	Initial Analysis	Silver	1	Total	0.06	µg/L	#	
13	Initial Analysis	Zinc	1	Total	312	µg/L	#	J
14	Initial Analysis	Aluminum	1	Total	1570	µg/L	#	J
15	Initial Analysis	Mercury	1	Total	0.03	µg/L	#	U
16	Initial Analysis	2,4,5 Trichlorophenoxyacetic acid	1	NA	0.045	µg/L	#	U
17	Initial Analysis	2,4-DB	1	NA	0.043	µg/L	#	U
18	Initial Analysis	2,4-Dichlorophenoxyacetic acid	1	NA	0.13	µg/L	#	J
19	Initial Analysis	2-(2-Methyl-4-chlorophenoxy) propionic acid	1	NA	6.7	µg/L	#	U
20	Initial Analysis	Dalapon	1	NA	0.21	µg/L	#	J
21	Initial Analysis	Dicamba	1	NA	0.09	µg/L	#	U
22	Initial Analysis	Dichloroprop	1	NA	0.17	µg/L	#	U
23	Initial Analysis	Dinoseb	1	NA	0.048	µg/L	#	U
24	Initial Analysis	MCPA	1	NA	9	µg/L	#	U
25	Initial Analysis	Silvex	1	NA	0.062	µg/L	#	U
26	Initial Analysis	2-Methylnaphthalene	1	NA	0.024	µg/L	#	U
27	Initial Analysis	Acenaphthene	1	NA	0.019	µg/L	#	J
28	Initial Analysis	Acenaphthylene	1	NA	0.02	µg/L	#	J
29	Initial Analysis	Anthracene	1	NA	0.048	µg/L	#	
30	Initial Analysis	Benzo(a)anthracene	1	NA	0.077	µg/L	#	
31	Initial Analysis	Benzo(a)pyrene	1	NA	0.078	µg/L	#	
32	Initial Analysis	Benzo(b)fluoranthene	1	NA	0.16	µg/L	#	
33	Initial Analysis	Benzo(g,h,i)perylene	1	NA	0.13	µg/L	#	
34	Initial Analysis	Benzo(k)fluoranthene	1	NA	0.044	µg/L	#	
35	Initial Analysis	Chrysene	1	NA	0.18	µg/L	#	
36	Initial Analysis	Dibenzo(a,h)anthracene	1	NA	0.024	µg/L	#	
37	Initial Analysis	Dibenzofuran	1	NA	0.016	µg/L	#	J
38	Initial Analysis	Fluoranthene	1	NA	0.31	µg/L	#	
39	Initial Analysis	Fluorene	1	NA	0.026	µg/L	#	
40	Initial Analysis	Indeno(1,2,3-cd)pyrene	1	NA	0.12	µg/L	#	
41	Initial Analysis	Naphthalene	1	NA	0.036	µg/L	#	U
42	Initial Analysis	Phenanthrene	1	NA	0.12	µg/L	#	
43	Initial Analysis	Pyrene	1	NA	0.32	µg/L	#	
44	Initial Analysis	Total Suspended Solids	1	NA	366	mg/L	#	
45	Initial Analysis	PCB-001	1	NA	144	pg/L	#	U

	X	Y	Z	AA
1	ValQual	LabQual	Detect	Calculated
2			Y	N
3			Y	N
4			Y	N
5			Y	N
6			Y	N
7			Y	N
8			Y	N
9			Y	N
10			Y	N
11			Y	N
12			Y	N
13			Y	N
14			Y	N
15			N	N
16			N	N
17			N	N
18			Y	N
19			N	N
20			Y	N
21			N	N
22			N	N
23			N	N
24			N	N
25			N	N
26			N	N
27			Y	N
28			Y	N
29			Y	N
30			Y	N
31			Y	N
32			Y	N
33			Y	N
34			Y	N
35			Y	N
36			Y	N
37			Y	N
38			Y	N
39			Y	N
40			Y	N
41			N	N
42			Y	N
43			Y	N
44			Y	N
45			N	N

	A	B	C	D	E	F	G
46	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
47	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
48	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
49	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
50	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
51	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
52	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
53	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
54	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
55	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
56	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
57	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
58	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
59	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
60	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
61	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
62	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
63	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
64	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
65	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
66	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
67	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
68	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
69	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
70	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
71	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
72	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
73	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
74	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
75	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
76	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
77	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
78	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
79	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
80	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
81	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
82	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
83	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
84	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
85	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
86	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
87	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
88	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
89	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
90	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123

	H	I	J	K	L	M	N	O
46	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
47	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
48	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
49	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
50	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
51	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
52	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
53	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
54	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
55	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
56	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
57	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
58	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
59	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
60	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
61	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
62	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
63	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
64	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
65	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
66	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
67	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
68	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
69	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
70	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
71	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
72	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
73	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
74	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
75	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
76	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
77	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
78	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
79	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
80	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
81	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
82	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
83	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
84	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
85	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
86	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
87	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
88	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
89	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
90	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007

	P	Q	R	S	T	U	V	W
46	Initial Analysis	PCB-002	1	NA	46.7	pg/L	#	
47	Initial Analysis	PCB-003	1	NA	158	pg/L	#	
48	Initial Analysis	PCB-004/010	1	NA	1430	pg/L	#	
49	Initial Analysis	PCB-005/008	1	NA	2840	pg/L	#	
50	Initial Analysis	PCB-006	1	NA	623	pg/L	#	
51	Initial Analysis	PCB-007/009	1	NA	262	pg/L	#	
52	Initial Analysis	PCB-011	1	NA	507	pg/L	#	
53	Initial Analysis	PCB-012/013	1	NA	576	pg/L	#	
54	Initial Analysis	PCB-014	1	NA	53.9	pg/L	#	U
55	Initial Analysis	PCB-015	1	NA	6620	pg/L	#	
56	Initial Analysis	PCB-016/032	1	NA	10200	pg/L	#	
57	Initial Analysis	PCB-017	1	NA	5430	pg/L	#	
58	Initial Analysis	PCB-018	1	NA	13600	pg/L	#	
59	Initial Analysis	PCB-019	1	NA	1240	pg/L	#	
60	Initial Analysis	PCB-020/021/033	1	NA	10200	pg/L	#	
61	Initial Analysis	PCB-022	1	NA	7660	pg/L	#	
62	Initial Analysis	PCB-023	1	NA	27	pg/L	#	U
63	Initial Analysis	PCB-024/027	1	NA	1270	pg/L	#	
64	Initial Analysis	PCB-025	1	NA	1600	pg/L	#	
65	Initial Analysis	PCB-026	1	NA	3330	pg/L	#	
66	Initial Analysis	PCB-028	1	NA	18600	pg/L	#	
67	Initial Analysis	PCB-029	1	NA	164	pg/L	#	
68	Initial Analysis	PCB-030	1	NA	27	pg/L	#	U
69	Initial Analysis	PCB-031	1	NA	16500	pg/L	#	
70	Initial Analysis	PCB-034	1	NA	67.3	pg/L	#	
71	Initial Analysis	PCB-035	1	NA	376	pg/L	#	
72	Initial Analysis	PCB-036	1	NA	27	pg/L	#	U
73	Initial Analysis	PCB-037	1	NA	6370	pg/L	#	
74	Initial Analysis	PCB-038	1	NA	117	pg/L	#	
75	Initial Analysis	PCB-039	1	NA	27	pg/L	#	U
76	Initial Analysis	PCB-040	1	NA	3340	pg/L	#	
77	Initial Analysis	PCB-041/064/071/072	1	NA	16400	pg/L	#	
78	Initial Analysis	PCB-042/059	1	NA	6070	pg/L	#	
79	Initial Analysis	PCB-043/049	1	NA	12500	pg/L	#	
80	Initial Analysis	PCB-044	1	NA	18200	pg/L	#	
81	Initial Analysis	PCB-045	1	NA	3020	pg/L	#	
82	Initial Analysis	PCB-046	1	NA	1360	pg/L	#	
83	Initial Analysis	PCB-047	1	NA	4520	pg/L	#	
84	Initial Analysis	PCB-048/075	1	NA	3940	pg/L	#	
85	Initial Analysis	PCB-050	1	NA	45.7	pg/L	#	
86	Initial Analysis	PCB-051	1	NA	902	pg/L	#	
87	Initial Analysis	PCB-052/069	1	NA	19100	pg/L	#	
88	Initial Analysis	PCB-053	1	NA	2530	pg/L	#	
89	Initial Analysis	PCB-054	1	NA	40.6	pg/L	#	
90	Initial Analysis	PCB-055	1	NA	282	pg/L	#	

	X	Y	Z	AA
46			Y	N
47			Y	N
48			Y	N
49			Y	N
50			Y	N
51			Y	N
52			Y	N
53			Y	N
54			N	N
55			Y	N
56			Y	N
57			Y	N
58			Y	N
59			Y	N
60			Y	N
61			Y	N
62			N	N
63			Y	N
64			Y	N
65			Y	N
66			Y	N
67			Y	N
68			N	N
69			Y	N
70			Y	N
71			Y	N
72			N	N
73			Y	N
74			Y	N
75			N	N
76			Y	N
77			Y	N
78			Y	N
79			Y	N
80			Y	N
81			Y	N
82			Y	N
83			Y	N
84			Y	N
85			Y	N
86			Y	N
87			Y	N
88			Y	N
89			Y	N
90			Y	N

	A	B	C	D	E	F	G
91	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
92	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
93	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
94	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
95	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
96	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
97	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
98	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
99	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
100	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
101	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
102	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
103	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
104	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
105	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
106	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
107	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
108	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
109	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
110	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
111	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
112	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
113	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
114	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
115	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
116	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
117	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
118	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
119	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
120	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
121	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
122	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
123	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
124	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
125	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
126	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
127	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
128	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
129	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
130	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
131	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
132	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
133	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
134	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
135	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123

	H	I	J	K	L	M	N	O
91	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
92	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
93	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
94	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
95	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
96	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
97	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
98	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
99	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
100	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
101	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
102	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
103	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
104	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
105	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
106	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
107	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
108	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
109	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
110	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
111	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
112	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
113	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
114	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
115	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
116	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
117	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
118	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
119	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
120	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
121	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
122	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
123	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
124	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
125	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
126	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
127	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
128	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
129	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
130	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
131	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
132	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
133	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
134	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
135	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007

	P	Q	R	S	T	U	V	W
91	Initial Analysis	PCB-056/060	1	NA	7310	pg/L	#	
92	Initial Analysis	PCB-057	1	NA	84.5	pg/L	#	
93	Initial Analysis	PCB-058	1	NA	27	pg/L	#	U
94	Initial Analysis	PCB-061/070	1	NA	13700	pg/L	#	
95	Initial Analysis	PCB-062	1	NA	27	pg/L	#	U
96	Initial Analysis	PCB-063	1	NA	420	pg/L	#	
97	Initial Analysis	PCB-065	1	NA	27	pg/L	#	U
98	Initial Analysis	PCB-066/076	1	NA	9650	pg/L	#	
99	Initial Analysis	PCB-067	1	NA	511	pg/L	#	
100	Initial Analysis	PCB-068	1	NA	50.6	pg/L	#	
101	Initial Analysis	PCB-073	1	NA	27	pg/L	#	U
102	Initial Analysis	PCB-074	1	NA	5380	pg/L	#	
103	Initial Analysis	PCB-077	1	NA	1160	pg/L	#	
104	Initial Analysis	PCB-078	1	NA	27	pg/L	#	U
105	Initial Analysis	PCB-079	1	NA	203	pg/L	#	
106	Initial Analysis	PCB-080	1	NA	27	pg/L	#	U
107	Initial Analysis	PCB-081	1	NA	9.42	pg/L	#	U
108	Initial Analysis	PCB-082	1	NA	2790	pg/L	#	
109	Initial Analysis	PCB-083	1	NA	27	pg/L	#	U
110	Initial Analysis	PCB-084/092	1	NA	8470	pg/L	#	
111	Initial Analysis	PCB-085/116	1	NA	3490	pg/L	#	
112	Initial Analysis	PCB-086	1	NA	91.5	pg/L	#	
113	Initial Analysis	PCB-087/117/125	1	NA	8660	pg/L	#	
114	Initial Analysis	PCB-088/091	1	NA	2610	pg/L	#	
115	Initial Analysis	PCB-089	1	NA	247	pg/L	#	
116	Initial Analysis	PCB-090/101	1	NA	20000	pg/L	#	
117	Initial Analysis	PCB-093	1	NA	27	pg/L	#	U
118	Initial Analysis	PCB-094	1	NA	110	pg/L	#	
119	Initial Analysis	PCB-095/098/102	1	NA	16000	pg/L	#	
120	Initial Analysis	PCB-096	1	NA	219	pg/L	#	
121	Initial Analysis	PCB-097	1	NA	6300	pg/L	#	
122	Initial Analysis	PCB-099	1	NA	7840	pg/L	#	
123	Initial Analysis	PCB-100	1	NA	51	pg/L	#	
124	Initial Analysis	PCB-103	1	NA	99	pg/L	#	
125	Initial Analysis	PCB-104	1	NA	27	pg/L	#	U
126	Initial Analysis	PCB-105	1	NA	7930	pg/L	#	
127	Initial Analysis	PCB-106/118	1	NA	17500	pg/L	#	
128	Initial Analysis	PCB-107/109	1	NA	1210	pg/L	#	
129	Initial Analysis	PCB-108/112	1	NA	928	pg/L	#	
130	Initial Analysis	PCB-110	1	NA	25100	pg/L	#	
131	Initial Analysis	PCB-111/115	1	NA	433	pg/L	#	
132	Initial Analysis	PCB-113	1	NA	27	pg/L	#	U
133	Initial Analysis	PCB-114	1	NA	459	pg/L	#	
134	Initial Analysis	PCB-119	1	NA	279	pg/L	#	
135	Initial Analysis	PCB-120	1	NA	27	pg/L	#	U

	X	Y	Z	AA
91			Y	N
92			Y	N
93			N	N
94			Y	N
95			N	N
96			Y	N
97			N	N
98			Y	N
99			Y	N
100			Y	N
101			N	N
102			Y	N
103			Y	N
104			N	N
105			Y	N
106			N	N
107			N	N
108			Y	N
109			N	N
110			Y	N
111			Y	N
112			Y	N
113			Y	N
114			Y	N
115			Y	N
116			Y	N
117			N	N
118			Y	N
119			Y	N
120			Y	N
121			Y	N
122			Y	N
123			Y	N
124			Y	N
125			N	N
126			Y	N
127			Y	N
128			Y	N
129			Y	N
130			Y	N
131			Y	N
132			N	N
133			Y	N
134			Y	N
135			N	N

	A	B	C	D	E	F	G
136	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
137	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
138	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
139	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
140	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
141	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
142	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
143	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
144	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
145	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
146	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
147	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
148	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
149	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
150	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
151	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
152	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
153	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
154	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
155	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
156	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
157	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
158	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
159	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
160	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
161	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
162	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
163	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
164	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
165	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
166	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
167	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
168	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
169	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
170	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
171	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
172	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
173	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
174	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
175	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
176	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
177	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
178	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
179	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
180	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123

	H	I	J	K	L	M	N	O
136	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
137	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
138	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
139	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
140	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
141	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
142	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
143	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
144	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
145	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
146	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
147	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
148	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
149	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
150	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
151	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
152	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
153	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
154	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
155	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
156	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
157	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
158	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
159	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
160	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
161	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
162	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
163	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
164	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
165	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
166	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
167	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
168	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
169	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
170	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
171	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
172	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
173	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
174	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
175	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
176	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
177	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
178	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
179	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
180	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007

	P	Q	R	S	T	U	V	W
136	Initial Analysis	PCB-121	1	NA	27	pg/L	#	U
137	Initial Analysis	PCB-122	1	NA	263	pg/L	#	
138	Initial Analysis	PCB-123	1	NA	304	pg/L	#	
139	Initial Analysis	PCB-124	1	NA	825	pg/L	#	
140	Initial Analysis	PCB-126	1	NA	148	pg/L	#	
141	Initial Analysis	PCB-127	1	NA	27	pg/L	#	U
142	Initial Analysis	PCB-128/162	1	NA	4060	pg/L	#	
143	Initial Analysis	PCB-129	1	NA	1370	pg/L	#	
144	Initial Analysis	PCB-130	1	NA	1590	pg/L	#	
145	Initial Analysis	PCB-131	1	NA	27	pg/L	#	U
146	Initial Analysis	PCB-132/161	1	NA	7490	pg/L	#	
147	Initial Analysis	PCB-133/142	1	NA	691	pg/L	#	
148	Initial Analysis	PCB-134/143	1	NA	1330	pg/L	#	
149	Initial Analysis	PCB-135	1	NA	2650	pg/L	#	
150	Initial Analysis	PCB-136	1	NA	2760	pg/L	#	
151	Initial Analysis	PCB-137	1	NA	1450	pg/L	#	
152	Initial Analysis	PCB-138/163/164	1	NA	25800	pg/L	#	
153	Initial Analysis	PCB-139/149	1	NA	17500	pg/L	#	
154	Initial Analysis	PCB-140	1	NA	106	pg/L	#	
155	Initial Analysis	PCB-141	1	NA	4680	pg/L	#	
156	Initial Analysis	PCB-144	1	NA	1020	pg/L	#	
157	Initial Analysis	PCB-145	1	NA	27	pg/L	#	U
158	Initial Analysis	PCB-146/165	1	NA	2880	pg/L	#	
159	Initial Analysis	PCB-147	1	NA	480	pg/L	#	
160	Initial Analysis	PCB-148	1	NA	27	pg/L	#	U
161	Initial Analysis	PCB-150	1	NA	27	pg/L	#	U
162	Initial Analysis	PCB-151	1	NA	4070	pg/L	#	
163	Initial Analysis	PCB-152	1	NA	27	pg/L	#	U
164	Initial Analysis	PCB-153	1	NA	19900	pg/L	#	
165	Initial Analysis	PCB-154	1	NA	176	pg/L	#	
166	Initial Analysis	PCB-155	1	NA	27	pg/L	#	U
167	Initial Analysis	PCB-156	1	NA	2490	pg/L	#	
168	Initial Analysis	PCB-157	1	NA	575	pg/L	#	
169	Initial Analysis	PCB-158/160	1	NA	3010	pg/L	#	
170	Initial Analysis	PCB-159	1	NA	176	pg/L	#	
171	Initial Analysis	PCB-166	1	NA	104	pg/L	#	
172	Initial Analysis	PCB-167	1	NA	989	pg/L	#	
173	Initial Analysis	PCB-168	1	NA	27	pg/L	#	U
174	Initial Analysis	PCB-169	1	NA	11.8	pg/L	#	U
175	Initial Analysis	PCB-170	1	NA	4860	pg/L	#	
176	Initial Analysis	PCB-171	1	NA	1310	pg/L	#	
177	Initial Analysis	PCB-172	1	NA	851	pg/L	#	
178	Initial Analysis	PCB-173	1	NA	120	pg/L	#	
179	Initial Analysis	PCB-174	1	NA	5150	pg/L	#	
180	Initial Analysis	PCB-175	1	NA	219	pg/L	#	

	X	Y	Z	AA
136			N	N
137			Y	N
138			Y	N
139			Y	N
140			Y	N
141			N	N
142			Y	N
143			Y	N
144			Y	N
145			N	N
146			Y	N
147			Y	N
148			Y	N
149			Y	N
150			Y	N
151			Y	N
152			Y	N
153			Y	N
154			Y	N
155			Y	N
156			Y	N
157			N	N
158			Y	N
159			Y	N
160			N	N
161			N	N
162			Y	N
163			N	N
164			Y	N
165			Y	N
166			N	N
167			Y	N
168			Y	N
169			Y	N
170			Y	N
171			Y	N
172			Y	N
173			N	N
174			N	N
175			Y	N
176			Y	N
177			Y	N
178			Y	N
179			Y	N
180			Y	N

	A	B	C	D	E	F	G
181	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
182	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
183	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
184	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
185	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
186	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
187	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
188	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
189	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
190	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
191	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
192	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
193	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
194	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
195	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
196	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
197	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
198	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
199	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
200	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
201	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
202	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
203	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
204	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
205	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
206	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
207	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
208	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
209	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
210	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
211	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
212	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
213	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
214	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
215	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
216	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
217	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
218	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
219	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
220	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
221	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
222	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
223	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
224	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
225	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123

	H	I	J	K	L	M	N	O
181	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
182	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
183	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
184	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
185	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
186	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
187	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
188	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
189	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
190	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
191	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
192	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
193	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
194	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
195	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
196	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
197	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
198	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
199	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
200	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
201	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
202	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
203	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
204	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
205	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
206	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
207	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
208	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
209	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
210	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
211	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
212	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
213	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/9/2007
214	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/25/2007
215	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/25/2007
216	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/2/2007
217	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
218	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
219	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
220	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
221	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
222	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
223	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
224	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
225	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007

	P	Q	R	S	T	U	V	W
181	Initial Analysis	PCB-176	1	NA	548	pg/L	#	
182	Initial Analysis	PCB-177	1	NA	2850	pg/L	#	
183	Initial Analysis	PCB-178	1	NA	878	pg/L	#	
184	Initial Analysis	PCB-179	1	NA	1890	pg/L	#	
185	Initial Analysis	PCB-180	1	NA	12100	pg/L	#	
186	Initial Analysis	PCB-181	1	NA	43.7	pg/L	#	
187	Initial Analysis	PCB-182/187	1	NA	5850	pg/L	#	
188	Initial Analysis	PCB-183	1	NA	2640	pg/L	#	
189	Initial Analysis	PCB-184	1	NA	27	pg/L	#	U
190	Initial Analysis	PCB-185	1	NA	583	pg/L	#	
191	Initial Analysis	PCB-186	1	NA	27	pg/L	#	U
192	Initial Analysis	PCB-188	1	NA	27	pg/L	#	U
193	Initial Analysis	PCB-189	1	NA	204	pg/L	#	
194	Initial Analysis	PCB-190	1	NA	919	pg/L	#	
195	Initial Analysis	PCB-191	1	NA	205	pg/L	#	
196	Initial Analysis	PCB-192	1	NA	27	pg/L	#	U
197	Initial Analysis	PCB-193	1	NA	480	pg/L	#	
198	Initial Analysis	PCB-194	1	NA	3100	pg/L	#	
199	Initial Analysis	PCB-195	1	NA	1260	pg/L	#	
200	Initial Analysis	PCB-196/203	1	NA	3750	pg/L	#	
201	Initial Analysis	PCB-197	1	NA	95.4	pg/L	#	
202	Initial Analysis	PCB-198	1	NA	226	pg/L	#	
203	Initial Analysis	PCB-199	1	NA	3430	pg/L	#	
204	Initial Analysis	PCB-200	1	NA	411	pg/L	#	
205	Initial Analysis	PCB-201	1	NA	420	pg/L	#	
206	Initial Analysis	PCB-202	1	NA	711	pg/L	#	
207	Initial Analysis	PCB-204	1	NA	27	pg/L	#	U
208	Initial Analysis	PCB-205	1	NA	134	pg/L	#	
209	Initial Analysis	PCB-206	1	NA	2390	pg/L	#	
210	Initial Analysis	PCB-207	1	NA	234	pg/L	#	
211	Initial Analysis	PCB-208	1	NA	514	pg/L	#	
212	Initial Analysis	PCB-209	1	NA	624	pg/L	#	
213	Initial Analysis	PCBs (total)	1	NA	0.54	µg/L	#	
214	Initial Analysis	Dissolved Organic Carbon	1	NA	11	mg/L	#	
215	Initial Analysis	Total Organic Carbon	1	NA	16.1	mg/L	#	
216	Initial Analysis	Arsenic	1	Total	4.22	µg/L	#	
217	Initial Analysis	Antimony	1	Total	1.52	µg/L	#	
218	Initial Analysis	Cadmium	1	Total	0.924	µg/L	#	
219	Initial Analysis	Chromium	1	Total	62.3	µg/L	#	
220	Initial Analysis	Copper	1	Total	58.7	µg/L	#	
221	Initial Analysis	Lead	1	Total	71.8	µg/L	#	J
222	Initial Analysis	Nickel	1	Total	16.5	µg/L	#	
223	Initial Analysis	Selenium	1	Total	1	µg/L	#	J
224	Initial Analysis	Silver	1	Total	0.178	µg/L	#	
225	Initial Analysis	Zinc	1	Total	414	µg/L	#	

	X	Y	Z	AA
181			Y	N
182			Y	N
183			Y	N
184			Y	N
185			Y	N
186			Y	N
187			Y	N
188			Y	N
189			N	N
190			Y	N
191			N	N
192			N	N
193			Y	N
194			Y	N
195			Y	N
196			N	N
197			Y	N
198			Y	N
199			Y	N
200			Y	N
201			Y	N
202			Y	N
203			Y	N
204			Y	N
205			Y	N
206			Y	N
207			N	N
208			Y	N
209			Y	N
210			Y	N
211			Y	N
212			Y	N
213			Y	Y
214			Y	N
215			Y	N
216			Y	N
217			Y	N
218			Y	N
219			Y	N
220			Y	N
221			Y	N
222			Y	N
223			Y	N
224			Y	N
225			Y	N

	A	B	C	D	E	F	G
226	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
227	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
228	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
229	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
230	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
231	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
232	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
233	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
234	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
235	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
236	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
237	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
238	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
239	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
240	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
241	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
242	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
243	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
244	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
245	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123
246	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
247	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
248	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
249	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
250	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
251	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
252	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
253	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
254	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
255	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
256	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
257	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123 DISS
258	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR123D
259	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
260	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
261	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
262	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
263	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
264	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
265	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
266	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
267	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
268	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
269	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
270	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123

	H	I	J	K	L	M	N	O
226	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
227	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/9/2007
228	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
229	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
230	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
231	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
232	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
233	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
234	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
235	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
236	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
237	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
238	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
239	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
240	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
241	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
242	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
243	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
244	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
245	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
246	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/2/2007
247	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
248	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
249	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
250	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
251	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
252	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
253	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
254	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
255	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
256	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
257	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/9/2007
258	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	4/23/2007
259	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	4/28/2007
260	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/27/2007
261	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/27/2007
262	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	4/28/2007
263	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	4/28/2007
264	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	4/28/2007
265	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	4/28/2007
266	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	4/28/2007
267	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	4/28/2007
268	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
269	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
270	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007

	P	Q	R	S	T	U	V	W
226	Initial Analysis	Aluminum	1	Total	5600	µg/L	#	J
227	Initial Analysis	Mercury	1	Total	0.08	µg/L	#	J
228	Initial Analysis	2-Methylnaphthalene	1	NA	0.15	µg/L	#	
229	Initial Analysis	Acenaphthene	1	NA	0.023	µg/L	#	
230	Initial Analysis	Acenaphthylene	1	NA	0.0084	µg/L	#	J
231	Initial Analysis	Anthracene	1	NA	0.03	µg/L	#	
232	Initial Analysis	Benzo(a)anthracene	1	NA	0.064	µg/L	#	
233	Initial Analysis	Benzo(a)pyrene	1	NA	0.064	µg/L	#	
234	Initial Analysis	Benzo(b)fluoranthene	1	NA	0.11	µg/L	#	
235	Initial Analysis	Benzo(g,h,i)perylene	1	NA	0.088	µg/L	#	
236	Initial Analysis	Benzo(k)fluoranthene	1	NA	0.036	µg/L	#	
237	Initial Analysis	Chrysene	1	NA	0.086	µg/L	#	
238	Initial Analysis	Dibenzo(a,h)anthracene	1	NA	0.018	µg/L	#	J
239	Initial Analysis	Dibenzofuran	1	NA	0.014	µg/L	#	J
240	Initial Analysis	Fluoranthene	1	NA	0.21	µg/L	#	
241	Initial Analysis	Fluorene	1	NA	0.025	µg/L	#	
242	Initial Analysis	Indeno(1,2,3-cd)pyrene	1	NA	0.07	µg/L	#	
243	Initial Analysis	Naphthalene	1	NA	0.28	µg/L	#	
244	Initial Analysis	Phenanthrene	1	NA	0.12	µg/L	#	
245	Initial Analysis	Pyrene	1	NA	0.23	µg/L	#	
246	Initial Analysis	Arsenic	1	Dissolved	1.88	µg/L	#	
247	Initial Analysis	Aluminum	1	Dissolved	49.7	µg/L	#	J
248	Initial Analysis	Antimony	1	Dissolved	1.14	µg/L	#	
249	Initial Analysis	Cadmium	1	Dissolved	0.086	µg/L	#	
250	Initial Analysis	Chromium	1	Dissolved	11.2	µg/L	#	
251	Initial Analysis	Copper	1	Dissolved	4.52	µg/L	#	
252	Initial Analysis	Lead	1	Dissolved	0.556	µg/L	#	J
253	Initial Analysis	Nickel	1	Dissolved	4.21	µg/L	#	
254	Initial Analysis	Selenium	1	Dissolved	0.6	µg/L	#	J
255	Initial Analysis	Silver	1	Dissolved	0.009	µg/L	#	U
256	Initial Analysis	Zinc	1	Dissolved	24.7	µg/L	#	
257	Initial Analysis	Mercury	1	Dissolved	0.03	µg/L	#	U
258	Initial Analysis	Total Suspended Solids	1	NA	360	mg/L	#	
259	Initial Analysis	Total Suspended Solids	1	NA	89	mg/L	#	
260	Initial Analysis	Dissolved Organic Carbon	1	NA	24.2	mg/L	#	
261	Initial Analysis	Total Organic Carbon	1	NA	27.5	mg/L	#	
262	Initial Analysis	bis(2-ethylhexyl)phthalate	1	NA	1.5	µg/L	#	J
263	Initial Analysis	Butyl benzyl phthalate	1	NA	0.18	µg/L	#	J
264	Initial Analysis	Di-n-butyl phthalate	1	NA	0.13	µg/L	#	U
265	Initial Analysis	Di-n-octyl phthalate	1	NA	0.0053	µg/L	#	UJ
266	Initial Analysis	Diethylphthalate	1	NA	0.63	µg/L	#	J
267	Initial Analysis	Dimethyl phthalate	1	NA	0.068	µg/L	#	J
268	Initial Analysis	Arsenic	1	Total	2.74	µg/L	#	
269	Initial Analysis	Antimony	1	Total	0.88	µg/L	#	
270	Initial Analysis	Cadmium	1	Total	0.333	µg/L	#	

	X	Y	Z	AA
226			Y	N
227			Y	N
228			Y	N
229			Y	N
230			Y	N
231			Y	N
232			Y	N
233			Y	N
234			Y	N
235			Y	N
236			Y	N
237			Y	N
238			Y	N
239			Y	N
240			Y	N
241			Y	N
242			Y	N
243			Y	N
244			Y	N
245			Y	N
246			Y	N
247			Y	N
248			Y	N
249			Y	N
250			Y	N
251			Y	N
252			Y	N
253			Y	N
254			Y	N
255			N	N
256			Y	N
257			N	N
258			Y	N
259			Y	N
260			Y	N
261			Y	N
262			Y	N
263			Y	N
264			N	N
265			N	N
266			Y	N
267			Y	N
268			Y	N
269			Y	N
270			Y	N

	A	B	C	D	E	F	G
271	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
272	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
273	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
274	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
275	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
276	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
277	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
278	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
279	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
280	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
281	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
282	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
283	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
284	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
285	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
286	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
287	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
288	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
289	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
290	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
291	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
292	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
293	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
294	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
295	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
296	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR123
297	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
298	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
299	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
300	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
301	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
302	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
303	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
304	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
305	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
306	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
307	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
308	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
309	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
310	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
311	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
312	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
313	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
314	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
315	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123

	H	I	J	K	L	M	N	O
271	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
272	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
273	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
274	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
275	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
276	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
277	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
278	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
279	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/14/2007
280	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
281	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
282	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
283	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
284	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
285	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
286	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
287	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
288	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
289	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
290	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
291	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
292	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
293	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
294	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
295	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
296	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/1/2007
297	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	5/8/2007
298	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
299	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
300	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
301	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
302	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
303	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
304	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
305	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
306	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
307	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
308	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
309	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
310	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
311	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
312	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
313	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
314	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
315	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007

	P	Q	R	S	T	U	V	W
271	Initial Analysis	Chromium	1	Total	13.2	µg/L	#	
272	Initial Analysis	Copper	1	Total	19.3	µg/L	#	
273	Initial Analysis	Lead	1	Total	17.7	µg/L	#	J
274	Initial Analysis	Nickel	1	Total	4.57	µg/L	#	
275	Initial Analysis	Selenium	1	Total	0.3	µg/L	#	J
276	Initial Analysis	Silver	1	Total	0.055	µg/L	#	
277	Initial Analysis	Zinc	1	Total	280	µg/L	#	J
278	Initial Analysis	Aluminum	1	Total	2970	µg/L	#	
279	Initial Analysis	Mercury	1	Total	0.03	µg/L	#	U
280	Initial Analysis	2-Methylnaphthalene	1	NA	0.01	µg/L	#	U
281	Initial Analysis	Acenaphthene	1	NA	0.0071	µg/L	#	J
282	Initial Analysis	Acenaphthylene	1	NA	0.0099	µg/L	#	U
283	Initial Analysis	Anthracene	1	NA	0.0085	µg/L	#	J
284	Initial Analysis	Benzo(a)anthracene	1	NA	0.023	µg/L	#	
285	Initial Analysis	Benzo(a)pyrene	1	NA	0.022	µg/L	#	J
286	Initial Analysis	Benzo(b)fluoranthene	1	NA	0.033	µg/L	#	
287	Initial Analysis	Benzo(g,h,i)perylene	1	NA	0.022	µg/L	#	
288	Initial Analysis	Benzo(k)fluoranthene	1	NA	0.011	µg/L	#	J
289	Initial Analysis	Chrysene	1	NA	0.029	µg/L	#	
290	Initial Analysis	Dibenzo(a,h)anthracene	1	NA	0.0052	µg/L	#	J
291	Initial Analysis	Fluoranthene	1	NA	0.089	µg/L	#	
292	Initial Analysis	Fluorene	1	NA	0.0065	µg/L	#	J
293	Initial Analysis	Indeno(1,2,3-cd)pyrene	1	NA	0.02	µg/L	#	J
294	Initial Analysis	Naphthalene	1	NA	0.019	µg/L	#	U
295	Initial Analysis	Phenanthrene	1	NA	0.04	µg/L	#	
296	Initial Analysis	Pyrene	1	NA	0.12	µg/L	#	
297	Initial Analysis	Total Suspended Solids	1	NA	317	mg/L	#	
298	Initial Analysis	PCB-001	1	NA	67.4	pg/L	#	U
299	Initial Analysis	PCB-002	1	NA	27.1	pg/L	#	U
300	Initial Analysis	PCB-003	1	NA	67	pg/L	#	
301	Initial Analysis	PCB-004/010	1	NA	829	pg/L	#	
302	Initial Analysis	PCB-005/008	1	NA	1530	pg/L	#	
303	Initial Analysis	PCB-006	1	NA	330	pg/L	#	
304	Initial Analysis	PCB-007/009	1	NA	144	pg/L	#	
305	Initial Analysis	PCB-011	1	NA	363	pg/L	#	
306	Initial Analysis	PCB-012/013	1	NA	236	pg/L	#	
307	Initial Analysis	PCB-014	1	NA	54.1	pg/L	#	U
308	Initial Analysis	PCB-015	1	NA	2770	pg/L	#	
309	Initial Analysis	PCB-016/032	1	NA	4920	pg/L	#	
310	Initial Analysis	PCB-017	1	NA	2700	pg/L	#	
311	Initial Analysis	PCB-018	1	NA	7080	pg/L	#	
312	Initial Analysis	PCB-019	1	NA	651	pg/L	#	
313	Initial Analysis	PCB-020/021/033	1	NA	5830	pg/L	#	
314	Initial Analysis	PCB-022	1	NA	4170	pg/L	#	
315	Initial Analysis	PCB-023	1	NA	27.1	pg/L	#	U

	X	Y	Z	AA
271			Y	N
272			Y	N
273			Y	N
274			Y	N
275			Y	N
276			Y	N
277			Y	N
278			Y	N
279			N	N
280			N	N
281			Y	N
282			N	N
283			Y	N
284			Y	N
285			Y	N
286			Y	N
287			Y	N
288			Y	N
289			Y	N
290			Y	N
291			Y	N
292			Y	N
293			Y	N
294			N	N
295			Y	N
296			Y	N
297			Y	N
298			N	N
299			N	N
300			Y	N
301			Y	N
302			Y	N
303			Y	N
304			Y	N
305			Y	N
306			Y	N
307			N	N
308			Y	N
309			Y	N
310			Y	N
311			Y	N
312			Y	N
313			Y	N
314			Y	N
315			N	N

	A	B	C	D	E	F	G
316	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
317	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
318	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
319	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
320	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
321	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
322	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
323	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
324	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
325	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
326	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
327	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
328	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
329	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
330	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
331	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
332	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
333	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
334	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
335	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
336	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
337	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
338	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
339	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
340	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
341	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
342	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
343	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
344	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
345	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
346	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
347	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
348	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
349	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
350	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
351	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
352	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
353	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
354	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
355	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
356	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
357	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
358	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
359	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
360	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123

	H	I	J	K	L	M	N	O
316	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
317	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
318	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
319	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
320	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
321	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
322	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
323	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
324	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
325	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
326	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
327	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
328	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
329	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
330	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
331	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
332	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
333	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
334	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
335	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
336	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
337	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
338	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
339	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
340	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
341	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
342	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
343	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
344	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
345	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
346	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
347	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
348	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
349	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
350	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
351	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
352	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
353	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
354	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
355	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
356	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
357	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
358	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
359	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
360	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007

	P	Q	R	S	T	U	V	W
316	Initial Analysis	PCB-024/027	1	NA	602	pg/L	#	
317	Initial Analysis	PCB-025	1	NA	947	pg/L	#	
318	Initial Analysis	PCB-026	1	NA	1790	pg/L	#	
319	Initial Analysis	PCB-028	1	NA	9420	pg/L	#	
320	Initial Analysis	PCB-029	1	NA	85.8	pg/L	#	
321	Initial Analysis	PCB-030	1	NA	27.1	pg/L	#	U
322	Initial Analysis	PCB-031	1	NA	9230	pg/L	#	
323	Initial Analysis	PCB-034	1	NA	34.9	pg/L	#	
324	Initial Analysis	PCB-035	1	NA	198	pg/L	#	
325	Initial Analysis	PCB-036	1	NA	27.1	pg/L	#	U
326	Initial Analysis	PCB-037	1	NA	3260	pg/L	#	
327	Initial Analysis	PCB-038	1	NA	53.9	pg/L	#	
328	Initial Analysis	PCB-039	1	NA	27.1	pg/L	#	U
329	Initial Analysis	PCB-040	1	NA	1820	pg/L	#	
330	Initial Analysis	PCB-041/064/071/072	1	NA	8730	pg/L	#	
331	Initial Analysis	PCB-042/059	1	NA	3230	pg/L	#	
332	Initial Analysis	PCB-043/049	1	NA	7010	pg/L	#	
333	Initial Analysis	PCB-044	1	NA	10700	pg/L	#	
334	Initial Analysis	PCB-045	1	NA	1580	pg/L	#	
335	Initial Analysis	PCB-046	1	NA	698	pg/L	#	
336	Initial Analysis	PCB-047	1	NA	2180	pg/L	#	
337	Initial Analysis	PCB-048/075	1	NA	1950	pg/L	#	
338	Initial Analysis	PCB-050	1	NA	27.1	pg/L	#	U
339	Initial Analysis	PCB-051	1	NA	441	pg/L	#	
340	Initial Analysis	PCB-052/069	1	NA	13100	pg/L	#	
341	Initial Analysis	PCB-053	1	NA	1290	pg/L	#	
342	Initial Analysis	PCB-054	1	NA	27.1	pg/L	#	U
343	Initial Analysis	PCB-055	1	NA	184	pg/L	#	
344	Initial Analysis	PCB-056/060	1	NA	4320	pg/L	#	
345	Initial Analysis	PCB-057	1	NA	48.6	pg/L	#	
346	Initial Analysis	PCB-058	1	NA	27.1	pg/L	#	U
347	Initial Analysis	PCB-061/070	1	NA	9490	pg/L	#	
348	Initial Analysis	PCB-062	1	NA	27.1	pg/L	#	U
349	Initial Analysis	PCB-063	1	NA	240	pg/L	#	
350	Initial Analysis	PCB-065	1	NA	27.1	pg/L	#	U
351	Initial Analysis	PCB-066/076	1	NA	5550	pg/L	#	
352	Initial Analysis	PCB-067	1	NA	305	pg/L	#	
353	Initial Analysis	PCB-068	1	NA	50.9	pg/L	#	
354	Initial Analysis	PCB-073	1	NA	27.1	pg/L	#	U
355	Initial Analysis	PCB-074	1	NA	3270	pg/L	#	
356	Initial Analysis	PCB-077	1	NA	722	pg/L	#	
357	Initial Analysis	PCB-078	1	NA	27.1	pg/L	#	U
358	Initial Analysis	PCB-079	1	NA	172	pg/L	#	
359	Initial Analysis	PCB-080	1	NA	27.1	pg/L	#	U
360	Initial Analysis	PCB-081	1	NA	10.7	pg/L	#	U

	X	Y	Z	AA
316			Y	N
317			Y	N
318			Y	N
319			Y	N
320			Y	N
321			N	N
322			Y	N
323			Y	N
324			Y	N
325			N	N
326			Y	N
327			Y	N
328			N	N
329			Y	N
330			Y	N
331			Y	N
332			Y	N
333			Y	N
334			Y	N
335			Y	N
336			Y	N
337			Y	N
338			N	N
339			Y	N
340			Y	N
341			Y	N
342			N	N
343			Y	N
344			Y	N
345			Y	N
346			N	N
347			Y	N
348			N	N
349			Y	N
350			N	N
351			Y	N
352			Y	N
353			Y	N
354			N	N
355			Y	N
356			Y	N
357			N	N
358			Y	N
359			N	N
360			N	N

	A	B	C	D	E	F	G
361	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
362	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
363	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
364	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
365	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
366	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
367	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
368	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
369	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
370	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
371	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
372	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
373	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
374	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
375	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
376	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
377	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
378	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
379	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
380	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
381	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
382	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
383	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
384	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
385	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
386	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
387	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
388	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
389	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
390	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
391	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
392	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
393	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
394	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
395	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
396	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
397	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
398	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
399	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
400	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
401	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
402	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
403	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
404	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
405	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123

	H	I	J	K	L	M	N	O
361	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
362	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
363	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
364	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
365	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
366	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
367	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
368	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
369	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
370	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
371	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
372	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
373	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
374	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
375	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
376	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
377	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
378	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
379	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
380	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
381	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
382	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
383	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
384	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
385	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
386	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
387	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
388	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
389	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
390	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
391	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
392	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
393	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
394	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
395	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
396	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
397	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
398	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
399	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
400	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
401	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
402	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
403	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
404	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
405	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007

	P	Q	R	S	T	U	V	W
361	Initial Analysis	PCB-082	1	NA	2210	pg/L	#	
362	Initial Analysis	PCB-083	1	NA	27.1	pg/L	#	U
363	Initial Analysis	PCB-084/092	1	NA	7700	pg/L	#	
364	Initial Analysis	PCB-085/116	1	NA	2680	pg/L	#	
365	Initial Analysis	PCB-086	1	NA	79.1	pg/L	#	
366	Initial Analysis	PCB-087/117/125	1	NA	7320	pg/L	#	
367	Initial Analysis	PCB-088/091	1	NA	2180	pg/L	#	
368	Initial Analysis	PCB-089	1	NA	165	pg/L	#	
369	Initial Analysis	PCB-090/101	1	NA	18000	pg/L	#	
370	Initial Analysis	PCB-093	1	NA	27.1	pg/L	#	U
371	Initial Analysis	PCB-094	1	NA	81.2	pg/L	#	
372	Initial Analysis	PCB-095/098/102	1	NA	14500	pg/L	#	
373	Initial Analysis	PCB-096	1	NA	130	pg/L	#	
374	Initial Analysis	PCB-097	1	NA	5400	pg/L	#	
375	Initial Analysis	PCB-099	1	NA	6690	pg/L	#	
376	Initial Analysis	PCB-100	1	NA	39.7	pg/L	#	
377	Initial Analysis	PCB-103	1	NA	98.1	pg/L	#	
378	Initial Analysis	PCB-104	1	NA	27.1	pg/L	#	U
379	Initial Analysis	PCB-105	1	NA	6170	pg/L	#	
380	Initial Analysis	PCB-106/118	1	NA	15100	pg/L	#	
381	Initial Analysis	PCB-107/109	1	NA	1060	pg/L	#	
382	Initial Analysis	PCB-108/112	1	NA	803	pg/L	#	
383	Initial Analysis	PCB-110	1	NA	22000	pg/L	#	
384	Initial Analysis	PCB-111/115	1	NA	312	pg/L	#	
385	Initial Analysis	PCB-113	1	NA	27.1	pg/L	#	U
386	Initial Analysis	PCB-114	1	NA	359	pg/L	#	
387	Initial Analysis	PCB-119	1	NA	261	pg/L	#	
388	Initial Analysis	PCB-120	1	NA	27.1	pg/L	#	U
389	Initial Analysis	PCB-121	1	NA	27.1	pg/L	#	U
390	Initial Analysis	PCB-122	1	NA	188	pg/L	#	
391	Initial Analysis	PCB-123	1	NA	226	pg/L	#	
392	Initial Analysis	PCB-124	1	NA	681	pg/L	#	
393	Initial Analysis	PCB-126	1	NA	145	pg/L	#	
394	Initial Analysis	PCB-127	1	NA	27.1	pg/L	#	U
395	Initial Analysis	PCB-128/162	1	NA	3720	pg/L	#	
396	Initial Analysis	PCB-129	1	NA	1190	pg/L	#	
397	Initial Analysis	PCB-130	1	NA	1540	pg/L	#	
398	Initial Analysis	PCB-131	1	NA	27.1	pg/L	#	U
399	Initial Analysis	PCB-132/161	1	NA	7040	pg/L	#	
400	Initial Analysis	PCB-133/142	1	NA	613	pg/L	#	
401	Initial Analysis	PCB-134/143	1	NA	1260	pg/L	#	
402	Initial Analysis	PCB-135	1	NA	2440	pg/L	#	
403	Initial Analysis	PCB-136	1	NA	2520	pg/L	#	
404	Initial Analysis	PCB-137	1	NA	1100	pg/L	#	
405	Initial Analysis	PCB-138/163/164	1	NA	23800	pg/L	#	

	X	Y	Z	AA
361			Y	N
362			N	N
363			Y	N
364			Y	N
365			Y	N
366			Y	N
367			Y	N
368			Y	N
369			Y	N
370			N	N
371			Y	N
372			Y	N
373			Y	N
374			Y	N
375			Y	N
376			Y	N
377			Y	N
378			N	N
379			Y	N
380			Y	N
381			Y	N
382			Y	N
383			Y	N
384			Y	N
385			N	N
386			Y	N
387			Y	N
388			N	N
389			N	N
390			Y	N
391			Y	N
392			Y	N
393			Y	N
394			N	N
395			Y	N
396			Y	N
397			Y	N
398			N	N
399			Y	N
400			Y	N
401			Y	N
402			Y	N
403			Y	N
404			Y	N
405			Y	N

	A	B	C	D	E	F	G
406	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
407	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
408	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
409	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
410	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
411	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
412	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
413	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
414	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
415	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
416	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
417	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
418	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
419	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
420	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
421	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
422	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
423	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
424	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
425	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
426	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
427	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
428	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
429	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
430	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
431	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
432	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
433	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
434	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
435	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
436	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
437	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
438	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
439	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
440	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
441	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
442	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
443	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
444	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
445	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
446	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
447	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
448	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
449	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
450	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123

	H	I	J	K	L	M	N	O
406	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
407	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
408	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
409	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
410	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
411	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
412	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
413	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
414	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
415	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
416	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
417	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
418	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
419	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
420	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
421	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
422	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
423	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
424	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
425	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
426	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
427	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
428	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
429	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
430	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
431	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
432	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
433	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
434	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
435	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
436	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
437	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
438	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
439	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
440	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
441	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
442	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
443	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
444	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
445	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
446	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
447	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
448	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
449	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
450	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007

	P	Q	R	S	T	U	V	W
406	Initial Analysis	PCB-139/149	1	NA	15900	pg/L	#	
407	Initial Analysis	PCB-140	1	NA	118	pg/L	#	
408	Initial Analysis	PCB-141	1	NA	4400	pg/L	#	
409	Initial Analysis	PCB-144	1	NA	925	pg/L	#	
410	Initial Analysis	PCB-145	1	NA	27.1	pg/L	#	U
411	Initial Analysis	PCB-146/165	1	NA	2690	pg/L	#	
412	Initial Analysis	PCB-147	1	NA	415	pg/L	#	
413	Initial Analysis	PCB-148	1	NA	27.1	pg/L	#	U
414	Initial Analysis	PCB-150	1	NA	26.4	pg/L	#	J
415	Initial Analysis	PCB-151	1	NA	3680	pg/L	#	
416	Initial Analysis	PCB-152	1	NA	27.1	pg/L	#	U
417	Initial Analysis	PCB-153	1	NA	18600	pg/L	#	
418	Initial Analysis	PCB-154	1	NA	188	pg/L	#	
419	Initial Analysis	PCB-155	1	NA	27.1	pg/L	#	U
420	Initial Analysis	PCB-156	1	NA	2300	pg/L	#	
421	Initial Analysis	PCB-157	1	NA	514	pg/L	#	
422	Initial Analysis	PCB-158/160	1	NA	2640	pg/L	#	
423	Initial Analysis	PCB-159	1	NA	193	pg/L	#	
424	Initial Analysis	PCB-166	1	NA	94.9	pg/L	#	
425	Initial Analysis	PCB-167	1	NA	933	pg/L	#	
426	Initial Analysis	PCB-168	1	NA	27.1	pg/L	#	U
427	Initial Analysis	PCB-169	1	NA	7.93	pg/L	#	U
428	Initial Analysis	PCB-170	1	NA	5180	pg/L	#	
429	Initial Analysis	PCB-171	1	NA	1350	pg/L	#	
430	Initial Analysis	PCB-172	1	NA	846	pg/L	#	
431	Initial Analysis	PCB-173	1	NA	128	pg/L	#	
432	Initial Analysis	PCB-174	1	NA	5190	pg/L	#	
433	Initial Analysis	PCB-175	1	NA	221	pg/L	#	
434	Initial Analysis	PCB-176	1	NA	556	pg/L	#	
435	Initial Analysis	PCB-177	1	NA	2920	pg/L	#	
436	Initial Analysis	PCB-178	1	NA	873	pg/L	#	
437	Initial Analysis	PCB-179	1	NA	1850	pg/L	#	
438	Initial Analysis	PCB-180	1	NA	12400	pg/L	#	
439	Initial Analysis	PCB-181	1	NA	34	pg/L	#	
440	Initial Analysis	PCB-182/187	1	NA	5670	pg/L	#	
441	Initial Analysis	PCB-183	1	NA	2650	pg/L	#	
442	Initial Analysis	PCB-184	1	NA	27.1	pg/L	#	U
443	Initial Analysis	PCB-185	1	NA	524	pg/L	#	
444	Initial Analysis	PCB-186	1	NA	27.1	pg/L	#	U
445	Initial Analysis	PCB-188	1	NA	27.1	pg/L	#	U
446	Initial Analysis	PCB-189	1	NA	202	pg/L	#	
447	Initial Analysis	PCB-190	1	NA	955	pg/L	#	
448	Initial Analysis	PCB-191	1	NA	217	pg/L	#	
449	Initial Analysis	PCB-192	1	NA	27.1	pg/L	#	U
450	Initial Analysis	PCB-193	1	NA	517	pg/L	#	

	X	Y	Z	AA
406			Y	N
407			Y	N
408			Y	N
409			Y	N
410			N	N
411			Y	N
412			Y	N
413			N	N
414			Y	N
415			Y	N
416			N	N
417			Y	N
418			Y	N
419			N	N
420			Y	N
421			Y	N
422			Y	N
423			Y	N
424			Y	N
425			Y	N
426			N	N
427			N	N
428			Y	N
429			Y	N
430			Y	N
431			Y	N
432			Y	N
433			Y	N
434			Y	N
435			Y	N
436			Y	N
437			Y	N
438			Y	N
439			Y	N
440			Y	N
441			Y	N
442			N	N
443			Y	N
444			N	N
445			N	N
446			Y	N
447			Y	N
448			Y	N
449			N	N
450			Y	N

	A	B	C	D	E	F	G
451	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
452	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
453	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
454	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
455	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
456	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
457	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
458	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
459	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
460	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
461	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
462	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
463	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
464	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
465	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
466	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
467	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
468	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
469	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
470	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
471	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
472	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
473	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
474	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
475	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
476	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
477	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
478	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
479	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
480	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
481	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
482	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
483	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
484	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
485	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
486	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
487	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
488	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
489	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
490	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
491	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
492	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
493	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
494	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
495	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123

	H	I	J	K	L	M	N	O
451	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
452	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
453	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
454	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
455	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
456	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
457	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
458	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
459	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
460	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
461	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
462	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
463	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
464	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
465	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
466	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
467	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	5/16/2007
468	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	5/16/2007
469	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	5/24/2007
470	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	5/24/2007
471	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	5/24/2007
472	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	5/24/2007
473	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	5/24/2007
474	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	5/24/2007
475	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/6/2007
476	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/6/2007
477	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
478	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
479	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
480	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
481	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
482	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
483	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
484	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
485	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
486	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
487	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
488	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
489	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
490	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
491	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
492	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
493	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
494	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
495	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007

	P	Q	R	S	T	U	V	W
451	Initial Analysis	PCB-194	1	NA	2650	pg/L	#	
452	Initial Analysis	PCB-195	1	NA	965	pg/L	#	
453	Initial Analysis	PCB-196/203	1	NA	3150	pg/L	#	
454	Initial Analysis	PCB-197	1	NA	85.3	pg/L	#	
455	Initial Analysis	PCB-198	1	NA	178	pg/L	#	
456	Initial Analysis	PCB-199	1	NA	3020	pg/L	#	
457	Initial Analysis	PCB-200	1	NA	339	pg/L	#	
458	Initial Analysis	PCB-201	1	NA	318	pg/L	#	
459	Initial Analysis	PCB-202	1	NA	498	pg/L	#	
460	Initial Analysis	PCB-204	1	NA	27.1	pg/L	#	U
461	Initial Analysis	PCB-205	1	NA	111	pg/L	#	
462	Initial Analysis	PCB-206	1	NA	1290	pg/L	#	
463	Initial Analysis	PCB-207	1	NA	132	pg/L	#	
464	Initial Analysis	PCB-208	1	NA	254	pg/L	#	
465	Initial Analysis	PCB-209	1	NA	210	pg/L	#	
466	Initial Analysis	PCBs (total)	1	NA	0.4	µg/L	#	J
467	Initial Analysis	Dissolved Organic Carbon	1	NA	10.5	mg/L	#	
468	Initial Analysis	Total Organic Carbon	1	NA	12.1	mg/L	#	
469	Initial Analysis	bis(2-ethylhexyl)phthalate	1	NA	3.3	µg/L	#	J
470	Initial Analysis	Butyl benzyl phthalate	1	NA	0.93	µg/L	#	J
471	Initial Analysis	Di-n-butyl phthalate	1	NA	0.41	µg/L	#	J
472	Initial Analysis	Di-n-octyl phthalate	1	NA	0.0051	µg/L	#	UJ
473	Initial Analysis	Diethylphthalate	1	NA	0.16	µg/L	#	U
474	Initial Analysis	Dimethyl phthalate	1	NA	0.2	µg/L	#	J
475	Initial Analysis	Arsenic	1	Total	11.7	µg/L	#	J
476	Initial Analysis	Arsenic	1	Dissolved	1.45	µg/L	#	J
477	Initial Analysis	Antimony	1	Total	0.99	µg/L	#	
478	Initial Analysis	Cadmium	1	Total	0.744	µg/L	#	
479	Initial Analysis	Chromium	1	Total	36.2	µg/L	#	
480	Initial Analysis	Copper	1	Total	71.9	µg/L	#	
481	Initial Analysis	Lead	1	Total	53.3	µg/L	#	
482	Initial Analysis	Nickel	1	Total	9.34	µg/L	#	
483	Initial Analysis	Selenium	1	Total	0.5	µg/L	#	J
484	Initial Analysis	Silver	1	Total	0.097	µg/L	#	J
485	Initial Analysis	Zinc	1	Total	422	µg/L	#	
486	Initial Analysis	Aluminum	1	Dissolved	13	µg/L	#	J
487	Initial Analysis	Antimony	1	Dissolved	0.722	µg/L	#	
488	Initial Analysis	Cadmium	1	Dissolved	0.037	µg/L	#	
489	Initial Analysis	Chromium	1	Dissolved	6.95	µg/L	#	
490	Initial Analysis	Copper	1	Dissolved	5.95	µg/L	#	
491	Initial Analysis	Lead	1	Dissolved	0.129	µg/L	#	
492	Initial Analysis	Nickel	1	Dissolved	1.74	µg/L	#	
493	Initial Analysis	Selenium	1	Dissolved	0.4	µg/L	#	U
494	Initial Analysis	Silver	1	Dissolved	0.004	µg/L	#	U
495	Initial Analysis	Zinc	1	Dissolved	7.7	µg/L	#	

	X	Y	Z	AA
451			Y	N
452			Y	N
453			Y	N
454			Y	N
455			Y	N
456			Y	N
457			Y	N
458			Y	N
459			Y	N
460			N	N
461			Y	N
462			Y	N
463			Y	N
464			Y	N
465			Y	N
466			Y	Y
467			Y	N
468			Y	N
469			Y	N
470			Y	N
471			Y	N
472			N	N
473			N	N
474			Y	N
475			Y	N
476			Y	N
477			Y	N
478			Y	N
479			Y	N
480			Y	N
481			Y	N
482			Y	N
483			Y	N
484			Y	N
485			Y	N
486			Y	N
487			Y	N
488			Y	N
489			Y	N
490			Y	N
491			Y	N
492			Y	N
493			N	N
494			N	N
495			Y	N

	A	B	C	D	E	F	G
496	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
497	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
498	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
499	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
500	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
501	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
502	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
503	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
504	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
505	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
506	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
507	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
508	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR123
509	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
510	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
511	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
512	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
513	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
514	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
515	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
516	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
517	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
518	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
519	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
520	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
521	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
522	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
523	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
524	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
525	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
526	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
527	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
528	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
529	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
530	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
531	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
532	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
533	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
534	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
535	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
536	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
537	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
538	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
539	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
540	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123

	H	I	J	K	L	M	N	O
496	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
497	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/31/2007
498	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/31/2007
499	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
500	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
501	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
502	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
503	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
504	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
505	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
506	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
507	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
508	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
509	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	6/15/2007
510	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
511	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
512	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
513	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
514	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
515	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
516	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
517	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
518	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
519	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
520	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
521	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
522	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
523	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
524	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
525	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
526	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
527	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
528	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
529	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
530	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
531	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
532	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
533	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
534	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
535	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
536	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
537	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
538	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
539	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
540	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007

	P	Q	R	S	T	U	V	W
496	Initial Analysis	Aluminum	1	Total	5690	µg/L	#	
497	Initial Analysis	Mercury	1	Dissolved	0.03	µg/L	#	U
498	Initial Analysis	Mercury	1	Total	0.11	µg/L	#	U
499	Initial Analysis	2,4,5 Trichlorophenoxyacetic acid	1	NA	0.42	µg/L	#	U
500	Initial Analysis	2,4-DB	1	NA	0.4	µg/L	#	U
501	Initial Analysis	2,4-Dichlorophenoxyacetic acid	1	NA	0.34	µg/L	#	U
502	Initial Analysis	2-(2-Methyl-4-chlorophenoxy) propionic acid	1	NA	63	µg/L	#	U
503	Initial Analysis	Dalapon	1	NA	0.75	µg/L	#	U
504	Initial Analysis	Dicamba	1	NA	0.85	µg/L	#	U
505	Initial Analysis	Dichloroprop	1	NA	1.6	µg/L	#	U
506	Initial Analysis	Dinoseb	1	NA	0.45	µg/L	#	U
507	Initial Analysis	MCPA	1	NA	85	µg/L	#	U
508	Initial Analysis	Silvex	1	NA	0.42	µg/L	#	U
509	Initial Analysis	Total Suspended Solids	1	NA	58	mg/L	#	
510	Initial Analysis	PCB-001	1	NA	27.5	pg/L	#	UJ
511	Initial Analysis	PCB-002	1	NA	27.5	pg/L	#	UJ
512	Initial Analysis	PCB-003	1	NA	27.5	pg/L	#	U
513	Initial Analysis	PCB-004/010	1	NA	108	pg/L	#	
514	Initial Analysis	PCB-005/008	1	NA	222	pg/L	#	
515	Initial Analysis	PCB-006	1	NA	54.9	pg/L	#	U
516	Initial Analysis	PCB-007/009	1	NA	54.9	pg/L	#	U
517	Initial Analysis	PCB-011	1	NA	96.1	pg/L	#	
518	Initial Analysis	PCB-012/013	1	NA	54.9	pg/L	#	U
519	Initial Analysis	PCB-014	1	NA	54.9	pg/L	#	U
520	Initial Analysis	PCB-015	1	NA	593	pg/L	#	
521	Initial Analysis	PCB-016/032	1	NA	615	pg/L	#	
522	Initial Analysis	PCB-017	1	NA	292	pg/L	#	
523	Initial Analysis	PCB-018	1	NA	767	pg/L	#	
524	Initial Analysis	PCB-019	1	NA	75.7	pg/L	#	
525	Initial Analysis	PCB-020/021/033	1	NA	830	pg/L	#	
526	Initial Analysis	PCB-022	1	NA	602	pg/L	#	
527	Initial Analysis	PCB-023	1	NA	27.5	pg/L	#	U
528	Initial Analysis	PCB-024/027	1	NA	73	pg/L	#	
529	Initial Analysis	PCB-025	1	NA	126	pg/L	#	
530	Initial Analysis	PCB-026	1	NA	232	pg/L	#	
531	Initial Analysis	PCB-028	1	NA	1430	pg/L	#	
532	Initial Analysis	PCB-029	1	NA	27.5	pg/L	#	U
533	Initial Analysis	PCB-030	1	NA	27.5	pg/L	#	U
534	Initial Analysis	PCB-031	1	NA	1230	pg/L	#	
535	Initial Analysis	PCB-034	1	NA	27.5	pg/L	#	U
536	Initial Analysis	PCB-035	1	NA	38.1	pg/L	#	
537	Initial Analysis	PCB-036	1	NA	27.5	pg/L	#	U
538	Initial Analysis	PCB-037	1	NA	615	pg/L	#	
539	Initial Analysis	PCB-038	1	NA	27.5	pg/L	#	U
540	Initial Analysis	PCB-039	1	NA	27.5	pg/L	#	U

	X	Y	Z	AA
496			Y	N
497			N	N
498			N	N
499			N	N
500			N	N
501			N	N
502			N	N
503			N	N
504			N	N
505			N	N
506			N	N
507			N	N
508			N	N
509			Y	N
510			N	N
511			N	N
512			N	N
513			Y	N
514			Y	N
515			N	N
516			N	N
517			Y	N
518			N	N
519			N	N
520			Y	N
521			Y	N
522			Y	N
523			Y	N
524			Y	N
525			Y	N
526			Y	N
527			N	N
528			Y	N
529			Y	N
530			Y	N
531			Y	N
532			N	N
533			N	N
534			Y	N
535			N	N
536			Y	N
537			N	N
538			Y	N
539			N	N
540			N	N

	A	B	C	D	E	F	G
541	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
542	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
543	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
544	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
545	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
546	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
547	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
548	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
549	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
550	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
551	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
552	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
553	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
554	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
555	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
556	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
557	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
558	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
559	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
560	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
561	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
562	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
563	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
564	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
565	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
566	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
567	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
568	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
569	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
570	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
571	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
572	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
573	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
574	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
575	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
576	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
577	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
578	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
579	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
580	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
581	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
582	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
583	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
584	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
585	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123

	H	I	J	K	L	M	N	O
541	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
542	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
543	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
544	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
545	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
546	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
547	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
548	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
549	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
550	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
551	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
552	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
553	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
554	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
555	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
556	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
557	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
558	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
559	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
560	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
561	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
562	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
563	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
564	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
565	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
566	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
567	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
568	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
569	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
570	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
571	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
572	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
573	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
574	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
575	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
576	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
577	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
578	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
579	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
580	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
581	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
582	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
583	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
584	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
585	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007

	P	Q	R	S	T	U	V	W
541	Initial Analysis	PCB-040	1	NA	289	pg/L	#	
542	Initial Analysis	PCB-041/064/071/072	1	NA	1380	pg/L	#	
543	Initial Analysis	PCB-042/059	1	NA	500	pg/L	#	
544	Initial Analysis	PCB-043/049	1	NA	981	pg/L	#	
545	Initial Analysis	PCB-044	1	NA	1500	pg/L	#	
546	Initial Analysis	PCB-045	1	NA	220	pg/L	#	
547	Initial Analysis	PCB-046	1	NA	98.3	pg/L	#	
548	Initial Analysis	PCB-047	1	NA	349	pg/L	#	
549	Initial Analysis	PCB-048/075	1	NA	282	pg/L	#	
550	Initial Analysis	PCB-050	1	NA	27.5	pg/L	#	U
551	Initial Analysis	PCB-051	1	NA	62	pg/L	#	
552	Initial Analysis	PCB-052/069	1	NA	1610	pg/L	#	
553	Initial Analysis	PCB-053	1	NA	185	pg/L	#	
554	Initial Analysis	PCB-054	1	NA	27.5	pg/L	#	U
555	Initial Analysis	PCB-055	1	NA	28.9	pg/L	#	
556	Initial Analysis	PCB-056/060	1	NA	692	pg/L	#	
557	Initial Analysis	PCB-057	1	NA	27.5	pg/L	#	U
558	Initial Analysis	PCB-058	1	NA	27.5	pg/L	#	U
559	Initial Analysis	PCB-061/070	1	NA	1270	pg/L	#	
560	Initial Analysis	PCB-062	1	NA	27.5	pg/L	#	U
561	Initial Analysis	PCB-063	1	NA	36.4	pg/L	#	
562	Initial Analysis	PCB-065	1	NA	27.5	pg/L	#	U
563	Initial Analysis	PCB-066/076	1	NA	834	pg/L	#	
564	Initial Analysis	PCB-067	1	NA	48.2	pg/L	#	
565	Initial Analysis	PCB-068	1	NA	27.5	pg/L	#	U
566	Initial Analysis	PCB-073	1	NA	27.5	pg/L	#	U
567	Initial Analysis	PCB-074	1	NA	467	pg/L	#	
568	Initial Analysis	PCB-077	1	NA	141	pg/L	#	
569	Initial Analysis	PCB-078	1	NA	27.5	pg/L	#	U
570	Initial Analysis	PCB-079	1	NA	27.6	pg/L	#	
571	Initial Analysis	PCB-080	1	NA	27.5	pg/L	#	U
572	Initial Analysis	PCB-081	1	NA	7.91	pg/L	#	U
573	Initial Analysis	PCB-082	1	NA	300	pg/L	#	
574	Initial Analysis	PCB-083	1	NA	27.5	pg/L	#	U
575	Initial Analysis	PCB-084/092	1	NA	928	pg/L	#	
576	Initial Analysis	PCB-085/116	1	NA	352	pg/L	#	
577	Initial Analysis	PCB-086	1	NA	27.5	pg/L	#	U
578	Initial Analysis	PCB-087/117/125	1	NA	920	pg/L	#	
579	Initial Analysis	PCB-088/091	1	NA	283	pg/L	#	
580	Initial Analysis	PCB-089	1	NA	27.5	pg/L	#	U
581	Initial Analysis	PCB-090/101	1	NA	2240	pg/L	#	
582	Initial Analysis	PCB-093	1	NA	27.5	pg/L	#	U
583	Initial Analysis	PCB-094	1	NA	27.5	pg/L	#	U
584	Initial Analysis	PCB-095/098/102	1	NA	1840	pg/L	#	
585	Initial Analysis	PCB-096	1	NA	27.5	pg/L	#	U

	X	Y	Z	AA
541			Y	N
542			Y	N
543			Y	N
544			Y	N
545			Y	N
546			Y	N
547			Y	N
548			Y	N
549			Y	N
550			N	N
551			Y	N
552			Y	N
553			Y	N
554			N	N
555			Y	N
556			Y	N
557			N	N
558			N	N
559			Y	N
560			N	N
561			Y	N
562			N	N
563			Y	N
564			Y	N
565			N	N
566			N	N
567			Y	N
568			Y	N
569			N	N
570			Y	N
571			N	N
572			N	N
573			Y	N
574			N	N
575			Y	N
576			Y	N
577			N	N
578			Y	N
579			Y	N
580			N	N
581			Y	N
582			N	N
583			N	N
584			Y	N
585			N	N

	A	B	C	D	E	F	G
586	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
587	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
588	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
589	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
590	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
591	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
592	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
593	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
594	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
595	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
596	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
597	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
598	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
599	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
600	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
601	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
602	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
603	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
604	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
605	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
606	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
607	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
608	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
609	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
610	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
611	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
612	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
613	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
614	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
615	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
616	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
617	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
618	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
619	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
620	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
621	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
622	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
623	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
624	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
625	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
626	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
627	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
628	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
629	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
630	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123

	H	I	J	K	L	M	N	O
586	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
587	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
588	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
589	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
590	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
591	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
592	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
593	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
594	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
595	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
596	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
597	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
598	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
599	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
600	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
601	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
602	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
603	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
604	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
605	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
606	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
607	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
608	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
609	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
610	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
611	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
612	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
613	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
614	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
615	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
616	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
617	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
618	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
619	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
620	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
621	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
622	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
623	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
624	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
625	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
626	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
627	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
628	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
629	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
630	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007

	P	Q	R	S	T	U	V	W
586	Initial Analysis	PCB-097	1	NA	664	pg/L	#	
587	Initial Analysis	PCB-099	1	NA	789	pg/L	#	
588	Initial Analysis	PCB-100	1	NA	27.5	pg/L	#	U
589	Initial Analysis	PCB-103	1	NA	27.5	pg/L	#	U
590	Initial Analysis	PCB-104	1	NA	27.5	pg/L	#	U
591	Initial Analysis	PCB-105	1	NA	871	pg/L	#	
592	Initial Analysis	PCB-106/118	1	NA	2010	pg/L	#	
593	Initial Analysis	PCB-107/109	1	NA	140	pg/L	#	
594	Initial Analysis	PCB-108/112	1	NA	97.3	pg/L	#	
595	Initial Analysis	PCB-110	1	NA	2920	pg/L	#	
596	Initial Analysis	PCB-111/115	1	NA	39	pg/L	#	
597	Initial Analysis	PCB-113	1	NA	27.5	pg/L	#	U
598	Initial Analysis	PCB-114	1	NA	41.2	pg/L	#	
599	Initial Analysis	PCB-119	1	NA	32.1	pg/L	#	
600	Initial Analysis	PCB-120	1	NA	27.5	pg/L	#	U
601	Initial Analysis	PCB-121	1	NA	27.5	pg/L	#	U
602	Initial Analysis	PCB-122	1	NA	27.5	pg/L	#	U
603	Initial Analysis	PCB-123	1	NA	35.2	pg/L	#	
604	Initial Analysis	PCB-124	1	NA	93.9	pg/L	#	
605	Initial Analysis	PCB-126	1	NA	30	pg/L	#	
606	Initial Analysis	PCB-127	1	NA	27.5	pg/L	#	U
607	Initial Analysis	PCB-128/162	1	NA	493	pg/L	#	
608	Initial Analysis	PCB-129	1	NA	156	pg/L	#	
609	Initial Analysis	PCB-130	1	NA	208	pg/L	#	
610	Initial Analysis	PCB-131	1	NA	27.5	pg/L	#	U
611	Initial Analysis	PCB-132/161	1	NA	923	pg/L	#	
612	Initial Analysis	PCB-133/142	1	NA	76.9	pg/L	#	
613	Initial Analysis	PCB-134/143	1	NA	152	pg/L	#	
614	Initial Analysis	PCB-135	1	NA	322	pg/L	#	
615	Initial Analysis	PCB-136	1	NA	324	pg/L	#	
616	Initial Analysis	PCB-137	1	NA	145	pg/L	#	
617	Initial Analysis	PCB-138/163/164	1	NA	3440	pg/L	#	
618	Initial Analysis	PCB-139/149	1	NA	2190	pg/L	#	
619	Initial Analysis	PCB-140	1	NA	27.5	pg/L	#	U
620	Initial Analysis	PCB-141	1	NA	669	pg/L	#	
621	Initial Analysis	PCB-144	1	NA	120	pg/L	#	
622	Initial Analysis	PCB-145	1	NA	27.5	pg/L	#	U
623	Initial Analysis	PCB-146/165	1	NA	382	pg/L	#	
624	Initial Analysis	PCB-147	1	NA	46.6	pg/L	#	
625	Initial Analysis	PCB-148	1	NA	27.5	pg/L	#	U
626	Initial Analysis	PCB-150	1	NA	27.5	pg/L	#	U
627	Initial Analysis	PCB-151	1	NA	517	pg/L	#	
628	Initial Analysis	PCB-152	1	NA	27.5	pg/L	#	U
629	Initial Analysis	PCB-153	1	NA	2730	pg/L	#	
630	Initial Analysis	PCB-154	1	NA	27.5	pg/L	#	U

	X	Y	Z	AA
586			Y	N
587			Y	N
588			N	N
589			N	N
590			N	N
591			Y	N
592			Y	N
593			Y	N
594			Y	N
595			Y	N
596			Y	N
597			N	N
598			Y	N
599			Y	N
600			N	N
601			N	N
602			N	N
603			Y	N
604			Y	N
605			Y	N
606			N	N
607			Y	N
608			Y	N
609			Y	N
610			N	N
611			Y	N
612			Y	N
613			Y	N
614			Y	N
615			Y	N
616			Y	N
617			Y	N
618			Y	N
619			N	N
620			Y	N
621			Y	N
622			N	N
623			Y	N
624			Y	N
625			N	N
626			N	N
627			Y	N
628			N	N
629			Y	N
630			N	N

	A	B	C	D	E	F	G
631	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
632	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
633	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
634	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
635	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
636	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
637	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
638	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
639	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
640	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
641	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
642	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
643	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
644	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
645	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
646	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
647	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
648	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
649	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
650	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
651	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
652	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
653	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
654	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
655	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
656	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
657	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
658	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
659	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
660	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
661	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
662	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
663	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
664	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
665	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
666	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
667	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
668	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
669	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
670	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
671	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
672	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
673	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
674	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
675	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123

	H	I	J	K	L	M	N	O
631	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
632	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
633	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
634	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
635	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
636	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
637	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
638	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
639	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
640	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
641	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
642	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
643	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
644	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
645	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
646	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
647	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
648	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
649	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
650	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
651	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
652	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
653	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
654	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
655	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
656	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
657	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
658	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
659	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
660	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
661	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
662	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
663	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
664	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
665	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
666	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
667	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
668	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
669	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
670	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
671	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
672	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
673	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
674	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
675	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007

	P	Q	R	S	T	U	V	W
631	Initial Analysis	PCB-155	1	NA	27.5	pg/L	#	U
632	Initial Analysis	PCB-156	1	NA	313	pg/L	#	
633	Initial Analysis	PCB-157	1	NA	70.5	pg/L	#	
634	Initial Analysis	PCB-158/160	1	NA	386	pg/L	#	
635	Initial Analysis	PCB-159	1	NA	35.2	pg/L	#	
636	Initial Analysis	PCB-166	1	NA	27.5	pg/L	#	U
637	Initial Analysis	PCB-167	1	NA	133	pg/L	#	
638	Initial Analysis	PCB-168	1	NA	27.5	pg/L	#	U
639	Initial Analysis	PCB-169	1	NA	5.66	pg/L	#	U
640	Initial Analysis	PCB-170	1	NA	838	pg/L	#	
641	Initial Analysis	PCB-171	1	NA	215	pg/L	#	
642	Initial Analysis	PCB-172	1	NA	140	pg/L	#	
643	Initial Analysis	PCB-173	1	NA	27.5	pg/L	#	U
644	Initial Analysis	PCB-174	1	NA	868	pg/L	#	
645	Initial Analysis	PCB-175	1	NA	35.2	pg/L	#	
646	Initial Analysis	PCB-176	1	NA	95.4	pg/L	#	
647	Initial Analysis	PCB-177	1	NA	492	pg/L	#	
648	Initial Analysis	PCB-178	1	NA	146	pg/L	#	
649	Initial Analysis	PCB-179	1	NA	309	pg/L	#	
650	Initial Analysis	PCB-180	1	NA	2070	pg/L	#	
651	Initial Analysis	PCB-181	1	NA	27.5	pg/L	#	U
652	Initial Analysis	PCB-182/187	1	NA	950	pg/L	#	
653	Initial Analysis	PCB-183	1	NA	425	pg/L	#	
654	Initial Analysis	PCB-184	1	NA	27.5	pg/L	#	U
655	Initial Analysis	PCB-185	1	NA	88.3	pg/L	#	
656	Initial Analysis	PCB-186	1	NA	27.5	pg/L	#	U
657	Initial Analysis	PCB-188	1	NA	27.5	pg/L	#	U
658	Initial Analysis	PCB-189	1	NA	35.6	pg/L	#	
659	Initial Analysis	PCB-190	1	NA	167	pg/L	#	
660	Initial Analysis	PCB-191	1	NA	35.9	pg/L	#	
661	Initial Analysis	PCB-192	1	NA	27.5	pg/L	#	U
662	Initial Analysis	PCB-193	1	NA	89.4	pg/L	#	
663	Initial Analysis	PCB-194	1	NA	469	pg/L	#	
664	Initial Analysis	PCB-195	1	NA	176	pg/L	#	
665	Initial Analysis	PCB-196/203	1	NA	553	pg/L	#	
666	Initial Analysis	PCB-197	1	NA	27.5	pg/L	#	U
667	Initial Analysis	PCB-198	1	NA	27.5	pg/L	#	U
668	Initial Analysis	PCB-199	1	NA	517	pg/L	#	
669	Initial Analysis	PCB-200	1	NA	58.5	pg/L	#	
670	Initial Analysis	PCB-201	1	NA	57.3	pg/L	#	
671	Initial Analysis	PCB-202	1	NA	85.5	pg/L	#	
672	Initial Analysis	PCB-204	1	NA	27.5	pg/L	#	U
673	Initial Analysis	PCB-205	1	NA	27.5	pg/L	#	U
674	Initial Analysis	PCB-206	1	NA	242	pg/L	#	
675	Initial Analysis	PCB-207	1	NA	27.5	pg/L	#	U

	X	Y	Z	AA
631			N	N
632			Y	N
633			Y	N
634			Y	N
635			Y	N
636			N	N
637			Y	N
638			N	N
639			N	N
640			Y	N
641			Y	N
642			Y	N
643			N	N
644			Y	N
645			Y	N
646			Y	N
647			Y	N
648			Y	N
649			Y	N
650			Y	N
651			N	N
652			Y	N
653			Y	N
654			N	N
655			Y	N
656			N	N
657			N	N
658			Y	N
659			Y	N
660			Y	N
661			N	N
662			Y	N
663			Y	N
664			Y	N
665			Y	N
666			N	N
667			N	N
668			Y	N
669			Y	N
670			Y	N
671			Y	N
672			N	N
673			N	N
674			Y	N
675			N	N

	A	B	C	D	E	F	G
676	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
677	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
678	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
679	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
680	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
681	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
682	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
683	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
684	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
685	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
686	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
687	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
688	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
689	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
690	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR123
691	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
692	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
693	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
694	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
695	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
696	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
697	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
698	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
699	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
700	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
701	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
702	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
703	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
704	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
705	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
706	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
707	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
708	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
709	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
710	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
711	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
712	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
713	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
714	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
715	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
716	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
717	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
718	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
719	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
720	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D

	H	I	J	K	L	M	N	O
676	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
677	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
678	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/30/2007
679	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	6/18/2007
680	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	6/18/2007
681	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
682	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
683	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
684	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
685	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
686	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
687	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
688	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
689	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
690	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
691	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
692	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
693	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
694	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
695	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
696	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
697	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
698	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
699	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
700	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
701	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
702	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
703	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
704	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
705	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
706	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
707	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
708	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
709	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
710	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
711	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
712	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
713	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
714	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
715	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
716	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
717	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
718	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
719	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
720	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007

	P	Q	R	S	T	U	V	W
676	Initial Analysis	PCB-208	1	NA	49.4	pg/L	#	
677	Initial Analysis	PCB-209	1	NA	40	pg/L	#	
678	Initial Analysis	PCBs (total)	1	NA	0.057	µg/L	#	
679	Initial Analysis	Dissolved Organic Carbon	1	NA	9.7	mg/L	#	
680	Initial Analysis	Total Organic Carbon	1	NA	8.8	mg/L	#	
681	Initial Analysis	2,4,5 Trichlorophenoxyacetic acid	1	NA	0.047	µg/L	#	U
682	Initial Analysis	2,4-DB	1	NA	0.044	µg/L	#	U
683	Initial Analysis	2,4-Dichlorophenoxyacetic acid	1	NA	0.22	µg/L	#	J
684	Initial Analysis	2-(2-Methyl-4-chlorophenoxy) propionic acid	1	NA	56	µg/L	#	U
685	Initial Analysis	Dalapon	1	NA	0.44	µg/L	#	U
686	Initial Analysis	Dicamba	1	NA	0.094	µg/L	#	U
687	Initial Analysis	Dichloroprop	1	NA	0.18	µg/L	#	U
688	Initial Analysis	Dinoseb	1	NA	0.05	µg/L	#	U
689	Initial Analysis	MCPA	1	NA	9.4	µg/L	#	U
690	Initial Analysis	Silvex	1	NA	0.047	µg/L	#	U
691	Initial Analysis	PCB-001	1	NA	26.5	pg/L	#	U
692	Initial Analysis	PCB-002	1	NA	26.5	pg/L	#	U
693	Initial Analysis	PCB-003	1	NA	26.5	pg/L	#	U
694	Initial Analysis	PCB-004/010	1	NA	53	pg/L	#	U
695	Initial Analysis	PCB-005/008	1	NA	53	pg/L	#	U
696	Initial Analysis	PCB-006	1	NA	53	pg/L	#	U
697	Initial Analysis	PCB-007/009	1	NA	53	pg/L	#	U
698	Initial Analysis	PCB-011	1	NA	53	pg/L	#	U
699	Initial Analysis	PCB-012/013	1	NA	53	pg/L	#	U
700	Initial Analysis	PCB-014	1	NA	53	pg/L	#	U
701	Initial Analysis	PCB-015	1	NA	53	pg/L	#	U
702	Initial Analysis	PCB-016/032	1	NA	26.5	pg/L	#	U
703	Initial Analysis	PCB-017	1	NA	26.5	pg/L	#	U
704	Initial Analysis	PCB-018	1	NA	26.5	pg/L	#	U
705	Initial Analysis	PCB-019	1	NA	26.5	pg/L	#	U
706	Initial Analysis	PCB-020/021/033	1	NA	26.5	pg/L	#	U
707	Initial Analysis	PCB-022	1	NA	26.5	pg/L	#	U
708	Initial Analysis	PCB-023	1	NA	26.5	pg/L	#	U
709	Initial Analysis	PCB-024/027	1	NA	26.5	pg/L	#	U
710	Initial Analysis	PCB-025	1	NA	26.5	pg/L	#	U
711	Initial Analysis	PCB-026	1	NA	26.5	pg/L	#	U
712	Initial Analysis	PCB-028	1	NA	26.5	pg/L	#	U
713	Initial Analysis	PCB-029	1	NA	26.5	pg/L	#	U
714	Initial Analysis	PCB-030	1	NA	26.5	pg/L	#	U
715	Initial Analysis	PCB-031	1	NA	26.5	pg/L	#	U
716	Initial Analysis	PCB-034	1	NA	26.5	pg/L	#	U
717	Initial Analysis	PCB-035	1	NA	26.5	pg/L	#	U
718	Initial Analysis	PCB-036	1	NA	26.5	pg/L	#	U
719	Initial Analysis	PCB-037	1	NA	26.5	pg/L	#	U
720	Initial Analysis	PCB-038	1	NA	26.5	pg/L	#	U

	X	Y	Z	AA
676			Y	N
677			Y	N
678			Y	Y
679			Y	N
680			Y	N
681			N	N
682			N	N
683			Y	N
684			N	N
685			N	N
686			N	N
687			N	N
688			N	N
689			N	N
690			N	N
691			N	N
692			N	N
693			N	N
694			N	N
695			N	N
696			N	N
697			N	N
698			N	N
699			N	N
700			N	N
701			N	N
702			N	N
703			N	N
704			N	N
705			N	N
706			N	N
707			N	N
708			N	N
709			N	N
710			N	N
711			N	N
712			N	N
713			N	N
714			N	N
715			N	N
716			N	N
717			N	N
718			N	N
719			N	N
720			N	N

	A	B	C	D	E	F	G
721	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
722	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
723	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
724	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
725	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
726	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
727	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
728	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
729	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
730	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
731	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
732	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
733	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
734	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
735	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
736	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
737	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
738	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
739	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
740	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
741	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
742	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
743	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
744	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
745	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
746	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
747	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
748	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
749	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
750	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
751	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
752	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
753	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
754	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
755	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
756	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
757	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
758	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
759	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
760	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
761	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
762	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
763	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
764	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
765	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D

	H	I	J	K	L	M	N	O
721	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
722	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
723	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
724	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
725	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
726	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
727	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
728	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
729	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
730	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
731	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
732	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
733	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
734	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
735	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
736	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
737	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
738	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
739	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
740	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
741	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
742	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
743	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
744	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
745	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
746	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
747	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
748	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
749	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
750	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
751	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
752	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
753	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
754	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
755	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
756	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
757	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
758	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
759	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
760	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
761	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
762	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
763	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
764	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
765	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007

	P	Q	R	S	T	U	V	W
721	Initial Analysis	PCB-039	1	NA	26.5	pg/L	#	U
722	Initial Analysis	PCB-040	1	NA	26.5	pg/L	#	U
723	Initial Analysis	PCB-041/064/071/072	1	NA	26.5	pg/L	#	U
724	Initial Analysis	PCB-042/059	1	NA	26.5	pg/L	#	U
725	Initial Analysis	PCB-043/049	1	NA	26.5	pg/L	#	U
726	Initial Analysis	PCB-044	1	NA	26.5	pg/L	#	U
727	Initial Analysis	PCB-045	1	NA	26.5	pg/L	#	U
728	Initial Analysis	PCB-046	1	NA	26.5	pg/L	#	U
729	Initial Analysis	PCB-047	1	NA	26.5	pg/L	#	U
730	Initial Analysis	PCB-048/075	1	NA	26.5	pg/L	#	U
731	Initial Analysis	PCB-050	1	NA	26.5	pg/L	#	U
732	Initial Analysis	PCB-051	1	NA	26.5	pg/L	#	U
733	Initial Analysis	PCB-052/069	1	NA	26.5	pg/L	#	U
734	Initial Analysis	PCB-053	1	NA	26.5	pg/L	#	U
735	Initial Analysis	PCB-054	1	NA	26.5	pg/L	#	U
736	Initial Analysis	PCB-055	1	NA	26.5	pg/L	#	U
737	Initial Analysis	PCB-056/060	1	NA	26.5	pg/L	#	U
738	Initial Analysis	PCB-057	1	NA	26.5	pg/L	#	U
739	Initial Analysis	PCB-058	1	NA	26.5	pg/L	#	U
740	Initial Analysis	PCB-061/070	1	NA	26.5	pg/L	#	U
741	Initial Analysis	PCB-062	1	NA	26.5	pg/L	#	U
742	Initial Analysis	PCB-063	1	NA	26.5	pg/L	#	U
743	Initial Analysis	PCB-065	1	NA	26.5	pg/L	#	U
744	Initial Analysis	PCB-066/076	1	NA	26.5	pg/L	#	U
745	Initial Analysis	PCB-067	1	NA	26.5	pg/L	#	U
746	Initial Analysis	PCB-068	1	NA	26.5	pg/L	#	U
747	Initial Analysis	PCB-073	1	NA	26.5	pg/L	#	U
748	Initial Analysis	PCB-074	1	NA	26.5	pg/L	#	U
749	Initial Analysis	PCB-077	1	NA	3.81	pg/L	#	U
750	Initial Analysis	PCB-078	1	NA	26.5	pg/L	#	U
751	Initial Analysis	PCB-079	1	NA	26.5	pg/L	#	U
752	Initial Analysis	PCB-080	1	NA	26.5	pg/L	#	U
753	Initial Analysis	PCB-081	1	NA	1.55	pg/L	#	U
754	Initial Analysis	PCB-082	1	NA	26.5	pg/L	#	U
755	Initial Analysis	PCB-083	1	NA	26.5	pg/L	#	U
756	Initial Analysis	PCB-084/092	1	NA	26.5	pg/L	#	U
757	Initial Analysis	PCB-085/116	1	NA	26.5	pg/L	#	U
758	Initial Analysis	PCB-086	1	NA	26.5	pg/L	#	U
759	Initial Analysis	PCB-087/117/125	1	NA	26.5	pg/L	#	U
760	Initial Analysis	PCB-088/091	1	NA	26.5	pg/L	#	U
761	Initial Analysis	PCB-089	1	NA	26.5	pg/L	#	U
762	Initial Analysis	PCB-090/101	1	NA	26.5	pg/L	#	U
763	Initial Analysis	PCB-093	1	NA	26.5	pg/L	#	U
764	Initial Analysis	PCB-094	1	NA	26.5	pg/L	#	U
765	Initial Analysis	PCB-095/098/102	1	NA	26.5	pg/L	#	U

	X	Y	Z	AA
721			N	N
722			N	N
723			N	N
724			N	N
725			N	N
726			N	N
727			N	N
728			N	N
729			N	N
730			N	N
731			N	N
732			N	N
733			N	N
734			N	N
735			N	N
736			N	N
737			N	N
738			N	N
739			N	N
740			N	N
741			N	N
742			N	N
743			N	N
744			N	N
745			N	N
746			N	N
747			N	N
748			N	N
749			N	N
750			N	N
751			N	N
752			N	N
753			N	N
754			N	N
755			N	N
756			N	N
757			N	N
758			N	N
759			N	N
760			N	N
761			N	N
762			N	N
763			N	N
764			N	N
765			N	N

	A	B	C	D	E	F	G
766	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
767	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
768	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
769	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
770	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
771	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
772	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
773	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
774	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
775	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
776	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
777	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
778	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
779	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
780	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
781	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
782	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
783	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
784	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
785	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
786	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
787	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
788	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
789	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
790	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
791	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
792	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
793	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
794	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
795	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
796	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
797	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
798	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
799	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
800	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
801	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
802	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
803	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
804	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
805	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
806	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
807	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
808	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
809	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
810	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D

	H	I	J	K	L	M	N	O
766	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
767	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
768	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
769	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
770	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
771	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
772	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
773	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
774	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
775	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
776	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
777	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
778	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
779	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
780	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
781	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
782	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
783	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
784	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
785	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
786	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
787	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
788	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
789	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
790	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
791	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
792	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
793	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
794	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
795	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
796	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
797	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
798	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
799	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
800	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
801	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
802	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
803	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
804	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
805	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
806	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
807	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
808	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
809	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
810	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007

	P	Q	R	S	T	U	V	W
766	Initial Analysis	PCB-096	1	NA	26.5	pg/L	#	U
767	Initial Analysis	PCB-097	1	NA	26.5	pg/L	#	U
768	Initial Analysis	PCB-099	1	NA	26.5	pg/L	#	U
769	Initial Analysis	PCB-100	1	NA	26.5	pg/L	#	U
770	Initial Analysis	PCB-103	1	NA	26.5	pg/L	#	U
771	Initial Analysis	PCB-104	1	NA	26.5	pg/L	#	U
772	Initial Analysis	PCB-105	1	NA	8.72	pg/L	#	J
773	Initial Analysis	PCB-106/118	1	NA	17.4	pg/L	#	J
774	Initial Analysis	PCB-107/109	1	NA	26.5	pg/L	#	U
775	Initial Analysis	PCB-108/112	1	NA	26.5	pg/L	#	U
776	Initial Analysis	PCB-110	1	NA	26.5	pg/L	#	U
777	Initial Analysis	PCB-111/115	1	NA	26.5	pg/L	#	U
778	Initial Analysis	PCB-113	1	NA	26.5	pg/L	#	U
779	Initial Analysis	PCB-114	1	NA	4.03	pg/L	#	U
780	Initial Analysis	PCB-119	1	NA	26.5	pg/L	#	U
781	Initial Analysis	PCB-120	1	NA	26.5	pg/L	#	U
782	Initial Analysis	PCB-121	1	NA	26.5	pg/L	#	U
783	Initial Analysis	PCB-122	1	NA	26.5	pg/L	#	U
784	Initial Analysis	PCB-123	1	NA	2.38	pg/L	#	U
785	Initial Analysis	PCB-124	1	NA	26.5	pg/L	#	U
786	Initial Analysis	PCB-126	1	NA	4	pg/L	#	U
787	Initial Analysis	PCB-127	1	NA	26.5	pg/L	#	U
788	Initial Analysis	PCB-128/162	1	NA	26.5	pg/L	#	U
789	Initial Analysis	PCB-129	1	NA	26.5	pg/L	#	U
790	Initial Analysis	PCB-130	1	NA	26.5	pg/L	#	U
791	Initial Analysis	PCB-131	1	NA	26.5	pg/L	#	U
792	Initial Analysis	PCB-132/161	1	NA	26.5	pg/L	#	U
793	Initial Analysis	PCB-133/142	1	NA	26.5	pg/L	#	U
794	Initial Analysis	PCB-134/143	1	NA	26.5	pg/L	#	U
795	Initial Analysis	PCB-135	1	NA	26.5	pg/L	#	U
796	Initial Analysis	PCB-136	1	NA	26.5	pg/L	#	U
797	Initial Analysis	PCB-137	1	NA	26.5	pg/L	#	U
798	Initial Analysis	PCB-138/163/164	1	NA	31.4	pg/L	#	
799	Initial Analysis	PCB-139/149	1	NA	26.5	pg/L	#	U
800	Initial Analysis	PCB-140	1	NA	26.5	pg/L	#	U
801	Initial Analysis	PCB-141	1	NA	26.5	pg/L	#	U
802	Initial Analysis	PCB-144	1	NA	26.5	pg/L	#	U
803	Initial Analysis	PCB-145	1	NA	26.5	pg/L	#	U
804	Initial Analysis	PCB-146/165	1	NA	26.5	pg/L	#	U
805	Initial Analysis	PCB-147	1	NA	26.5	pg/L	#	U
806	Initial Analysis	PCB-148	1	NA	26.5	pg/L	#	U
807	Initial Analysis	PCB-150	1	NA	26.5	pg/L	#	U
808	Initial Analysis	PCB-151	1	NA	26.5	pg/L	#	U
809	Initial Analysis	PCB-152	1	NA	26.5	pg/L	#	U
810	Initial Analysis	PCB-153	1	NA	26.5	pg/L	#	U

	X	Y	Z	AA
766			N	N
767			N	N
768			N	N
769			N	N
770			N	N
771			N	N
772			Y	N
773			Y	N
774			N	N
775			N	N
776			N	N
777			N	N
778			N	N
779			N	N
780			N	N
781			N	N
782			N	N
783			N	N
784			N	N
785			N	N
786			N	N
787			N	N
788			N	N
789			N	N
790			N	N
791			N	N
792			N	N
793			N	N
794			N	N
795			N	N
796			N	N
797			N	N
798			Y	N
799			N	N
800			N	N
801			N	N
802			N	N
803			N	N
804			N	N
805			N	N
806			N	N
807			N	N
808			N	N
809			N	N
810			N	N

	A	B	C	D	E	F	G
811	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
812	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
813	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
814	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
815	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
816	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
817	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
818	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
819	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
820	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
821	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
822	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
823	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
824	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
825	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
826	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
827	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
828	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
829	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
830	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
831	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
832	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
833	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
834	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
835	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
836	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
837	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
838	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
839	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
840	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
841	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
842	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
843	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
844	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
845	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
846	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
847	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
848	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
849	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
850	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
851	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
852	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
853	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
854	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
855	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D

	H	I	J	K	L	M	N	O
811	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
812	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
813	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
814	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
815	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
816	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
817	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
818	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
819	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
820	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
821	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
822	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
823	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
824	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
825	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
826	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
827	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
828	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
829	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
830	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
831	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
832	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
833	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
834	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
835	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
836	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
837	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
838	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
839	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
840	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
841	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
842	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
843	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
844	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
845	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
846	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
847	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
848	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
849	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
850	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
851	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
852	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
853	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
854	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
855	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007

	P	Q	R	S	T	U	V	W
811	Initial Analysis	PCB-154	1	NA	26.5	pg/L	#	U
812	Initial Analysis	PCB-155	1	NA	26.5	pg/L	#	U
813	Initial Analysis	PCB-156	1	NA	2.7	pg/L	#	U
814	Initial Analysis	PCB-157	1	NA	2.83	pg/L	#	U
815	Initial Analysis	PCB-158/160	1	NA	26.5	pg/L	#	U
816	Initial Analysis	PCB-159	1	NA	26.5	pg/L	#	U
817	Initial Analysis	PCB-166	1	NA	26.5	pg/L	#	U
818	Initial Analysis	PCB-167	1	NA	2.71	pg/L	#	U
819	Initial Analysis	PCB-168	1	NA	26.5	pg/L	#	U
820	Initial Analysis	PCB-169	1	NA	3.31	pg/L	#	U
821	Initial Analysis	PCB-170	1	NA	26.5	pg/L	#	U
822	Initial Analysis	PCB-171	1	NA	26.5	pg/L	#	U
823	Initial Analysis	PCB-172	1	NA	26.5	pg/L	#	U
824	Initial Analysis	PCB-173	1	NA	26.5	pg/L	#	U
825	Initial Analysis	PCB-174	1	NA	26.5	pg/L	#	U
826	Initial Analysis	PCB-175	1	NA	26.5	pg/L	#	U
827	Initial Analysis	PCB-176	1	NA	26.5	pg/L	#	U
828	Initial Analysis	PCB-177	1	NA	26.5	pg/L	#	U
829	Initial Analysis	PCB-178	1	NA	26.5	pg/L	#	U
830	Initial Analysis	PCB-179	1	NA	26.5	pg/L	#	U
831	Initial Analysis	PCB-180	1	NA	26.5	pg/L	#	U
832	Initial Analysis	PCB-181	1	NA	26.5	pg/L	#	U
833	Initial Analysis	PCB-182/187	1	NA	26.5	pg/L	#	U
834	Initial Analysis	PCB-183	1	NA	26.5	pg/L	#	U
835	Initial Analysis	PCB-184	1	NA	26.5	pg/L	#	U
836	Initial Analysis	PCB-185	1	NA	26.5	pg/L	#	U
837	Initial Analysis	PCB-186	1	NA	26.5	pg/L	#	U
838	Initial Analysis	PCB-188	1	NA	26.5	pg/L	#	U
839	Initial Analysis	PCB-189	1	NA	1.34	pg/L	#	U
840	Initial Analysis	PCB-190	1	NA	26.5	pg/L	#	U
841	Initial Analysis	PCB-191	1	NA	26.5	pg/L	#	U
842	Initial Analysis	PCB-192	1	NA	26.5	pg/L	#	U
843	Initial Analysis	PCB-193	1	NA	26.5	pg/L	#	U
844	Initial Analysis	PCB-194	1	NA	26.5	pg/L	#	U
845	Initial Analysis	PCB-195	1	NA	26.5	pg/L	#	U
846	Initial Analysis	PCB-196/203	1	NA	26.5	pg/L	#	U
847	Initial Analysis	PCB-197	1	NA	26.5	pg/L	#	U
848	Initial Analysis	PCB-198	1	NA	26.5	pg/L	#	U
849	Initial Analysis	PCB-199	1	NA	26.5	pg/L	#	U
850	Initial Analysis	PCB-200	1	NA	26.5	pg/L	#	U
851	Initial Analysis	PCB-201	1	NA	26.5	pg/L	#	U
852	Initial Analysis	PCB-202	1	NA	26.5	pg/L	#	U
853	Initial Analysis	PCB-204	1	NA	26.5	pg/L	#	U
854	Initial Analysis	PCB-205	1	NA	26.5	pg/L	#	U
855	Initial Analysis	PCB-206	1	NA	26.5	pg/L	#	U

	X	Y	Z	AA
811			N	N
812			N	N
813			N	N
814			N	N
815			N	N
816			N	N
817			N	N
818			N	N
819			N	N
820			N	N
821			N	N
822			N	N
823			N	N
824			N	N
825			N	N
826			N	N
827			N	N
828			N	N
829			N	N
830			N	N
831			N	N
832			N	N
833			N	N
834			N	N
835			N	N
836			N	N
837			N	N
838			N	N
839			N	N
840			N	N
841			N	N
842			N	N
843			N	N
844			N	N
845			N	N
846			N	N
847			N	N
848			N	N
849			N	N
850			N	N
851			N	N
852			N	N
853			N	N
854			N	N
855			N	N

	A	B	C	D	E	F	G
856	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
857	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
858	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
859	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
860	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
861	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
862	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
863	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
864	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
865	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
866	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
867	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
868	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
869	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
870	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
871	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
872	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
873	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
874	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
875	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
876	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
877	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
878	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
879	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
880	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
881	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
882	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
883	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
884	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
885	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
886	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
887	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
888	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
889	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
890	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
891	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
892	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
893	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
894	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-D
895	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
896	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
897	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
898	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
899	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
900	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T

	H	I	J	K	L	M	N	O
856	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
857	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
858	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
859	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
860	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	5/23/2007
861	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
862	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
863	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
864	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
865	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
866	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
867	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
868	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
869	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
870	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
871	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
872	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
873	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
874	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
875	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
876	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
877	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
878	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
879	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
880	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
881	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
882	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
883	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
884	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
885	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
886	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
887	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
888	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
889	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
890	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
891	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
892	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
893	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
894	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/7/2007
895	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	5/23/2007
896	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
897	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
898	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
899	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
900	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007

	P	Q	R	S	T	U	V	W
856	Initial Analysis	PCB-207	1	NA	26.5	pg/L	#	U
857	Initial Analysis	PCB-208	1	NA	26.5	pg/L	#	U
858	Initial Analysis	PCB-209	1	NA	26.5	pg/L	#	U
859	Initial Analysis	PCBs (total)	1	NA	0.000058	µg/L	#	J
860	Initial Analysis	Dissolved Organic Carbon	1	NA	14	mg/L	#	
861	Initial Analysis	bis(2-ethylhexyl)phthalate	1	NA	1	µg/L	#	UJ
862	Initial Analysis	Butyl benzyl phthalate	1	NA	0.35	µg/L	#	J
863	Initial Analysis	Di-n-butyl phthalate	1	NA	0.23	µg/L	#	UJ
864	Initial Analysis	Di-n-octyl phthalate	1	NA	0.005	µg/L	#	UJ
865	Initial Analysis	Diethylphthalate	1	NA	0.11	µg/L	#	UJ
866	Initial Analysis	Dimethyl phthalate	1	NA	0.007	µg/L	#	UJ
867	Initial Analysis	2,4,5 Trichlorophenoxyacetic acid	1	NA	0.22	µg/L	#	U
868	Initial Analysis	2,4-DB	1	NA	0.21	µg/L	#	U
869	Initial Analysis	2,4-Dichlorophenoxyacetic acid	1	NA	0.18	µg/L	#	U
870	Initial Analysis	2-(2-Methyl-4-chlorophenoxy) propionic acid	1	NA	33	µg/L	#	U
871	Initial Analysis	Dalapon	1	NA	2.1	µg/L	#	U
872	Initial Analysis	Dicamba	1	NA	0.44	µg/L	#	U
873	Initial Analysis	Dichloroprop	1	NA	0.83	µg/L	#	U
874	Initial Analysis	Dinoseb	1	NA	0.24	µg/L	#	U
875	Initial Analysis	MCPA	1	NA	44	µg/L	#	U
876	Initial Analysis	Silvex	1	NA	0.22	µg/L	#	U
877	Initial Analysis	2-Methylnaphthalene	1	NA	0.0067	µg/L	#	U
878	Initial Analysis	Acenaphthene	1	NA	0.023	µg/L	#	U
879	Initial Analysis	Acenaphthylene	1	NA	0.0036	µg/L	#	U
880	Initial Analysis	Anthracene	1	NA	0.0096	µg/L	#	J
881	Initial Analysis	Benzo(a)anthracene	1	NA	0.0028	µg/L	#	U
882	Initial Analysis	Benzo(a)pyrene	1	NA	0.0046	µg/L	#	U
883	Initial Analysis	Benzo(b)fluoranthene	1	NA	0.0025	µg/L	#	U
884	Initial Analysis	Benzo(g,h,i)perylene	1	NA	0.0031	µg/L	#	U
885	Initial Analysis	Benzo(k)fluoranthene	1	NA	0.0027	µg/L	#	U
886	Initial Analysis	Chrysene	1	NA	0.0036	µg/L	#	U
887	Initial Analysis	Dibenzo(a,h)anthracene	1	NA	0.0027	µg/L	#	U
888	Initial Analysis	Dibenzofuran	1	NA	0.0077	µg/L	#	J
889	Initial Analysis	Fluoranthene	1	NA	0.012	µg/L	#	J
890	Initial Analysis	Fluorene	1	NA	0.012	µg/L	#	J
891	Initial Analysis	Indeno(1,2,3-cd)pyrene	1	NA	0.0028	µg/L	#	U
892	Initial Analysis	Naphthalene	1	NA	0.014	µg/L	#	U
893	Initial Analysis	Phenanthrene	1	NA	0.022	µg/L	#	U
894	Initial Analysis	Pyrene	1	NA	0.023	µg/L	#	
895	Initial Analysis	Total Suspended Solids	1	NA	414	mg/L	#	
896	Initial Analysis	PCB-001	1	NA	25.5	pg/L	#	U
897	Initial Analysis	PCB-002	1	NA	25.5	pg/L	#	U
898	Initial Analysis	PCB-003	1	NA	25.5	pg/L	#	U
899	Initial Analysis	PCB-004/010	1	NA	192	pg/L	#	
900	Initial Analysis	PCB-005/008	1	NA	380	pg/L	#	

	X	Y	Z	AA
856			N	N
857			N	N
858			N	N
859			Y	Y
860			Y	N
861			N	N
862			Y	N
863			N	N
864			N	N
865			N	N
866			N	N
867			N	N
868			N	N
869			N	N
870			N	N
871			N	N
872			N	N
873			N	N
874			N	N
875			N	N
876			N	N
877			N	N
878			N	N
879			N	N
880			Y	N
881			N	N
882			N	N
883			N	N
884			N	N
885			N	N
886			N	N
887			N	N
888			Y	N
889			Y	N
890			Y	N
891			N	N
892			N	N
893			N	N
894			Y	N
895			Y	N
896			N	N
897			N	N
898			N	N
899			Y	N
900			Y	N

	A	B	C	D	E	F	G
901	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
902	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
903	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
904	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
905	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
906	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
907	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
908	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
909	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
910	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
911	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
912	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
913	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
914	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
915	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
916	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
917	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
918	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
919	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
920	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
921	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
922	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
923	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
924	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
925	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
926	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
927	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
928	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
929	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
930	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
931	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
932	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
933	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
934	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
935	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
936	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
937	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
938	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
939	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
940	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
941	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
942	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
943	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
944	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
945	**OF 18**	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T

	H	I	J	K	L	M	N	O
901	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
902	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
903	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
904	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
905	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
906	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
907	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
908	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
909	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
910	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
911	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
912	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
913	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
914	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
915	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
916	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
917	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
918	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
919	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
920	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
921	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
922	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
923	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
924	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
925	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
926	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
927	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
928	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
929	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
930	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
931	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
932	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
933	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
934	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
935	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
936	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
937	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
938	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
939	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
940	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
941	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
942	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
943	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
944	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
945	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007

	P	Q	R	S	T	U	V	W
901	Initial Analysis	PCB-006	1	NA	76.4	pg/L	#	
902	Initial Analysis	PCB-007/009	1	NA	51	pg/L	#	U
903	Initial Analysis	PCB-011	1	NA	515	pg/L	#	
904	Initial Analysis	PCB-012/013	1	NA	65.8	pg/L	#	
905	Initial Analysis	PCB-014	1	NA	51	pg/L	#	U
906	Initial Analysis	PCB-015	1	NA	605	pg/L	#	
907	Initial Analysis	PCB-016/032	1	NA	865	pg/L	#	
908	Initial Analysis	PCB-017	1	NA	439	pg/L	#	
909	Initial Analysis	PCB-018	1	NA	1120	pg/L	#	
910	Initial Analysis	PCB-019	1	NA	125	pg/L	#	
911	Initial Analysis	PCB-020/021/033	1	NA	947	pg/L	#	
912	Initial Analysis	PCB-022	1	NA	643	pg/L	#	
913	Initial Analysis	PCB-023	1	NA	25.5	pg/L	#	U
914	Initial Analysis	PCB-024/027	1	NA	111	pg/L	#	
915	Initial Analysis	PCB-025	1	NA	145	pg/L	#	
916	Initial Analysis	PCB-026	1	NA	281	pg/L	#	
917	Initial Analysis	PCB-028	1	NA	1680	pg/L	#	
918	Initial Analysis	PCB-029	1	NA	25.5	pg/L	#	U
919	Initial Analysis	PCB-030	1	NA	25.5	pg/L	#	U
920	Initial Analysis	PCB-031	1	NA	1510	pg/L	#	
921	Initial Analysis	PCB-034	1	NA	25.5	pg/L	#	U
922	Initial Analysis	PCB-035	1	NA	44.1	pg/L	#	
923	Initial Analysis	PCB-036	1	NA	25.5	pg/L	#	U
924	Initial Analysis	PCB-037	1	NA	641	pg/L	#	
925	Initial Analysis	PCB-038	1	NA	25.5	pg/L	#	U
926	Initial Analysis	PCB-039	1	NA	25.5	pg/L	#	U
927	Initial Analysis	PCB-040	1	NA	446	pg/L	#	
928	Initial Analysis	PCB-041/064/071/072	1	NA	2100	pg/L	#	
929	Initial Analysis	PCB-042/059	1	NA	726	pg/L	#	
930	Initial Analysis	PCB-043/049	1	NA	1650	pg/L	#	
931	Initial Analysis	PCB-044	1	NA	2700	pg/L	#	
932	Initial Analysis	PCB-045	1	NA	332	pg/L	#	
933	Initial Analysis	PCB-046	1	NA	156	pg/L	#	
934	Initial Analysis	PCB-047	1	NA	556	pg/L	#	
935	Initial Analysis	PCB-048/075	1	NA	387	pg/L	#	
936	Initial Analysis	PCB-050	1	NA	25.5	pg/L	#	U
937	Initial Analysis	PCB-051	1	NA	95.9	pg/L	#	
938	Initial Analysis	PCB-052/069	1	NA	3440	pg/L	#	
939	Initial Analysis	PCB-053	1	NA	311	pg/L	#	
940	Initial Analysis	PCB-054	1	NA	25.5	pg/L	#	U
941	Initial Analysis	PCB-055	1	NA	46.4	pg/L	#	
942	Initial Analysis	PCB-056/060	1	NA	1030	pg/L	#	
943	Initial Analysis	PCB-057	1	NA	25.5	pg/L	#	U
944	Initial Analysis	PCB-058	1	NA	25.5	pg/L	#	U
945	Initial Analysis	PCB-061/070	1	NA	2230	pg/L	#	

	X	Y	Z	AA
901			Y	N
902			N	N
903			Y	N
904			Y	N
905			N	N
906			Y	N
907			Y	N
908			Y	N
909			Y	N
910			Y	N
911			Y	N
912			Y	N
913			N	N
914			Y	N
915			Y	N
916			Y	N
917			Y	N
918			N	N
919			N	N
920			Y	N
921			N	N
922			Y	N
923			N	N
924			Y	N
925			N	N
926			N	N
927			Y	N
928			Y	N
929			Y	N
930			Y	N
931			Y	N
932			Y	N
933			Y	N
934			Y	N
935			Y	N
936			N	N
937			Y	N
938			Y	N
939			Y	N
940			N	N
941			Y	N
942			Y	N
943			N	N
944			N	N
945			Y	N

	A	B	C	D	E	F	G
946	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
947	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
948	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
949	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
950	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
951	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
952	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
953	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
954	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
955	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
956	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
957	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
958	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
959	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
960	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
961	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
962	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
963	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
964	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
965	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
966	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
967	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
968	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
969	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
970	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
971	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
972	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
973	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
974	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
975	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
976	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
977	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
978	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
979	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
980	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
981	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
982	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
983	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
984	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
985	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
986	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
987	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
988	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
989	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
990	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T

	H	I	J	K	L	M	N	O
946	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
947	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
948	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
949	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
950	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
951	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
952	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
953	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
954	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
955	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
956	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
957	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
958	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
959	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
960	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
961	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
962	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
963	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
964	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
965	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
966	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
967	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
968	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
969	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
970	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
971	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
972	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
973	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
974	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
975	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
976	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
977	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
978	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
979	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
980	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
981	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
982	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
983	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
984	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
985	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
986	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
987	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
988	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
989	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
990	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007

	P	Q	R	S	T	U	V	W
946	Initial Analysis	PCB-062	1	NA	25.5	pg/L	#	U
947	Initial Analysis	PCB-063	1	NA	51.1	pg/L	#	
948	Initial Analysis	PCB-065	1	NA	25.5	pg/L	#	U
949	Initial Analysis	PCB-066/076	1	NA	1290	pg/L	#	
950	Initial Analysis	PCB-067	1	NA	67.6	pg/L	#	
951	Initial Analysis	PCB-068	1	NA	25.5	pg/L	#	U
952	Initial Analysis	PCB-073	1	NA	25.5	pg/L	#	U
953	Initial Analysis	PCB-074	1	NA	711	pg/L	#	
954	Initial Analysis	PCB-077	1	NA	197	pg/L	#	
955	Initial Analysis	PCB-078	1	NA	25.5	pg/L	#	U
956	Initial Analysis	PCB-079	1	NA	48.3	pg/L	#	
957	Initial Analysis	PCB-080	1	NA	25.5	pg/L	#	U
958	Initial Analysis	PCB-081	1	NA	15.1	pg/L	#	U
959	Initial Analysis	PCB-082	1	NA	597	pg/L	#	
960	Initial Analysis	PCB-083	1	NA	25.5	pg/L	#	U
961	Initial Analysis	PCB-084/092	1	NA	2130	pg/L	#	
962	Initial Analysis	PCB-085/116	1	NA	740	pg/L	#	
963	Initial Analysis	PCB-086	1	NA	25.5	pg/L	#	U
964	Initial Analysis	PCB-087/117/125	1	NA	2020	pg/L	#	
965	Initial Analysis	PCB-088/091	1	NA	649	pg/L	#	
966	Initial Analysis	PCB-089	1	NA	47.3	pg/L	#	
967	Initial Analysis	PCB-090/101	1	NA	5110	pg/L	#	
968	Initial Analysis	PCB-093	1	NA	25.5	pg/L	#	U
969	Initial Analysis	PCB-094	1	NA	25.5	pg/L	#	U
970	Initial Analysis	PCB-095/098/102	1	NA	4460	pg/L	#	
971	Initial Analysis	PCB-096	1	NA	33.9	pg/L	#	
972	Initial Analysis	PCB-097	1	NA	1470	pg/L	#	
973	Initial Analysis	PCB-099	1	NA	1820	pg/L	#	
974	Initial Analysis	PCB-100	1	NA	25.5	pg/L	#	U
975	Initial Analysis	PCB-103	1	NA	29.8	pg/L	#	
976	Initial Analysis	PCB-104	1	NA	25.5	pg/L	#	U
977	Initial Analysis	PCB-105	1	NA	1620	pg/L	#	
978	Initial Analysis	PCB-106/118	1	NA	3940	pg/L	#	
979	Initial Analysis	PCB-107/109	1	NA	273	pg/L	#	
980	Initial Analysis	PCB-108/112	1	NA	220	pg/L	#	
981	Initial Analysis	PCB-110	1	NA	6220	pg/L	#	
982	Initial Analysis	PCB-111/115	1	NA	87.7	pg/L	#	
983	Initial Analysis	PCB-113	1	NA	25.5	pg/L	#	U
984	Initial Analysis	PCB-114	1	NA	86.8	pg/L	#	
985	Initial Analysis	PCB-119	1	NA	72.2	pg/L	#	
986	Initial Analysis	PCB-120	1	NA	25.5	pg/L	#	U
987	Initial Analysis	PCB-121	1	NA	25.5	pg/L	#	U
988	Initial Analysis	PCB-122	1	NA	49.1	pg/L	#	
989	Initial Analysis	PCB-123	1	NA	64.8	pg/L	#	
990	Initial Analysis	PCB-124	1	NA	179	pg/L	#	

	X	Y	Z	AA
946			N	N
947			Y	N
948			N	N
949			Y	N
950			Y	N
951			N	N
952			N	N
953			Y	N
954			Y	N
955			N	N
956			Y	N
957			N	N
958			N	N
959			Y	N
960			N	N
961			Y	N
962			Y	N
963			N	N
964			Y	N
965			Y	N
966			Y	N
967			Y	N
968			N	N
969			N	N
970			Y	N
971			Y	N
972			Y	N
973			Y	N
974			N	N
975			Y	N
976			N	N
977			Y	N
978			Y	N
979			Y	N
980			Y	N
981			Y	N
982			Y	N
983			N	N
984			Y	N
985			Y	N
986			N	N
987			N	N
988			Y	N
989			Y	N
990			Y	N

	A	B	C	D	E	F	G
991	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
992	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
993	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
994	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
995	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
996	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
997	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
998	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
999	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1000	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1001	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1002	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1003	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1004	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1005	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1006	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1007	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1008	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1009	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1010	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1011	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1012	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1013	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1014	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1015	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1016	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1017	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1018	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1019	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1020	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1021	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1022	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1023	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1024	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1025	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1026	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1027	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1028	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1029	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1030	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1031	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1032	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1033	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1034	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1035	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T

	H	I	J	K	L	M	N	O
991	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
992	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
993	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
994	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
995	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
996	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
997	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
998	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
999	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1000	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1001	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1002	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1003	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1004	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1005	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1006	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1007	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1008	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1009	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1010	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1011	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1012	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1013	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1014	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1015	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1016	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1017	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1018	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1019	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1020	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1021	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1022	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1023	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1024	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1025	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1026	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1027	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1028	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1029	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1030	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1031	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1032	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1033	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1034	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1035	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007

	P	Q	R	S	T	U	V	W
991	Initial Analysis	PCB-126	1	NA	35.8	pg/L	#	
992	Initial Analysis	PCB-127	1	NA	25.5	pg/L	#	U
993	Initial Analysis	PCB-128/162	1	NA	1090	pg/L	#	
994	Initial Analysis	PCB-129	1	NA	359	pg/L	#	
995	Initial Analysis	PCB-130	1	NA	477	pg/L	#	
996	Initial Analysis	PCB-131	1	NA	25.5	pg/L	#	U
997	Initial Analysis	PCB-132/161	1	NA	2030	pg/L	#	
998	Initial Analysis	PCB-133/142	1	NA	182	pg/L	#	
999	Initial Analysis	PCB-134/143	1	NA	362	pg/L	#	
1000	Initial Analysis	PCB-135	1	NA	776	pg/L	#	
1001	Initial Analysis	PCB-136	1	NA	793	pg/L	#	
1002	Initial Analysis	PCB-137	1	NA	319	pg/L	#	
1003	Initial Analysis	PCB-138/163/164	1	NA	7140	pg/L	#	
1004	Initial Analysis	PCB-139/149	1	NA	5020	pg/L	#	
1005	Initial Analysis	PCB-140	1	NA	37.5	pg/L	#	
1006	Initial Analysis	PCB-141	1	NA	1360	pg/L	#	
1007	Initial Analysis	PCB-144	1	NA	271	pg/L	#	
1008	Initial Analysis	PCB-145	1	NA	25.5	pg/L	#	U
1009	Initial Analysis	PCB-146/165	1	NA	850	pg/L	#	
1010	Initial Analysis	PCB-147	1	NA	124	pg/L	#	
1011	Initial Analysis	PCB-148	1	NA	25.5	pg/L	#	U
1012	Initial Analysis	PCB-150	1	NA	25.5	pg/L	#	U
1013	Initial Analysis	PCB-151	1	NA	1230	pg/L	#	
1014	Initial Analysis	PCB-152	1	NA	25.5	pg/L	#	U
1015	Initial Analysis	PCB-153	1	NA	5660	pg/L	#	
1016	Initial Analysis	PCB-154	1	NA	57	pg/L	#	
1017	Initial Analysis	PCB-155	1	NA	25.5	pg/L	#	U
1018	Initial Analysis	PCB-156	1	NA	622	pg/L	#	
1019	Initial Analysis	PCB-157	1	NA	146	pg/L	#	
1020	Initial Analysis	PCB-158/160	1	NA	801	pg/L	#	
1021	Initial Analysis	PCB-159	1	NA	54.6	pg/L	#	
1022	Initial Analysis	PCB-166	1	NA	25.5	pg/L	#	U
1023	Initial Analysis	PCB-167	1	NA	263	pg/L	#	
1024	Initial Analysis	PCB-168	1	NA	25.5	pg/L	#	U
1025	Initial Analysis	PCB-169	1	NA	4.99	pg/L	#	U
1026	Initial Analysis	PCB-170	1	NA	1490	pg/L	#	
1027	Initial Analysis	PCB-171	1	NA	403	pg/L	#	
1028	Initial Analysis	PCB-172	1	NA	248	pg/L	#	
1029	Initial Analysis	PCB-173	1	NA	32.6	pg/L	#	UJ
1030	Initial Analysis	PCB-174	1	NA	1600	pg/L	#	
1031	Initial Analysis	PCB-175	1	NA	78.3	pg/L	#	
1032	Initial Analysis	PCB-176	1	NA	190	pg/L	#	
1033	Initial Analysis	PCB-177	1	NA	900	pg/L	#	
1034	Initial Analysis	PCB-178	1	NA	315	pg/L	#	
1035	Initial Analysis	PCB-179	1	NA	644	pg/L	#	

	X	Y	Z	AA
991			Y	N
992			N	N
993			Y	N
994			Y	N
995			Y	N
996			N	N
997			Y	N
998			Y	N
999			Y	N
1000			Y	N
1001			Y	N
1002			Y	N
1003			Y	N
1004			Y	N
1005			Y	N
1006			Y	N
1007			Y	N
1008			N	N
1009			Y	N
1010			Y	N
1011			N	N
1012			N	N
1013			Y	N
1014			N	N
1015			Y	N
1016			Y	N
1017			N	N
1018			Y	N
1019			Y	N
1020			Y	N
1021			Y	N
1022			N	N
1023			Y	N
1024			N	N
1025			N	N
1026			Y	N
1027			Y	N
1028			Y	N
1029			N	N
1030			Y	N
1031			Y	N
1032			Y	N
1033			Y	N
1034			Y	N
1035			Y	N

	A	B	C	D	E	F	G
1036	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1037	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1038	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1039	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1040	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1041	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1042	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1043	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1044	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1045	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1046	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1047	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1048	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1049	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1050	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1051	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1052	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1053	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1054	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1055	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1056	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1057	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1058	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1059	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1060	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1061	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1062	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1063	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1064	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1065	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1066	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1067	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1068	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1069	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1070	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1071	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1072	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1073	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1074	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1075	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1076	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1077	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1078	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1079	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1080	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T

	H	I	J	K	L	M	N	O
1036	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1037	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1038	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1039	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1040	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1041	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1042	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1043	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1044	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1045	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1046	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1047	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1048	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1049	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1050	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1051	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1052	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1053	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1054	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1055	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1056	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1057	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1058	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1059	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1060	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1061	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1062	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1063	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1064	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	6/1/2007
1065	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	5/23/2007
1066	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
1067	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
1068	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
1069	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
1070	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
1071	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 525.2	6/1/2007
1072	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
1073	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
1074	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
1075	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
1076	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
1077	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
1078	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
1079	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
1080	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007

	P	Q	R	S	T	U	V	W
1036	Initial Analysis	PCB-180	1	NA	3570	pg/L	#	
1037	Initial Analysis	PCB-181	1	NA	25.5	pg/L	#	U
1038	Initial Analysis	PCB-182/187	1	NA	1910	pg/L	#	
1039	Initial Analysis	PCB-183	1	NA	868	pg/L	#	
1040	Initial Analysis	PCB-184	1	NA	25.5	pg/L	#	U
1041	Initial Analysis	PCB-185	1	NA	164	pg/L	#	
1042	Initial Analysis	PCB-186	1	NA	25.5	pg/L	#	U
1043	Initial Analysis	PCB-188	1	NA	25.5	pg/L	#	U
1044	Initial Analysis	PCB-189	1	NA	59.5	pg/L	#	
1045	Initial Analysis	PCB-190	1	NA	293	pg/L	#	
1046	Initial Analysis	PCB-191	1	NA	58.8	pg/L	#	
1047	Initial Analysis	PCB-192	1	NA	25.5	pg/L	#	U
1048	Initial Analysis	PCB-193	1	NA	160	pg/L	#	
1049	Initial Analysis	PCB-194	1	NA	764	pg/L	#	
1050	Initial Analysis	PCB-195	1	NA	290	pg/L	#	
1051	Initial Analysis	PCB-196/203	1	NA	966	pg/L	#	
1052	Initial Analysis	PCB-197	1	NA	25.5	pg/L	#	
1053	Initial Analysis	PCB-198	1	NA	37.1	pg/L	#	
1054	Initial Analysis	PCB-199	1	NA	893	pg/L	#	
1055	Initial Analysis	PCB-200	1	NA	101	pg/L	#	
1056	Initial Analysis	PCB-201	1	NA	108	pg/L	#	
1057	Initial Analysis	PCB-202	1	NA	170	pg/L	#	
1058	Initial Analysis	PCB-204	1	NA	25.5	pg/L	#	U
1059	Initial Analysis	PCB-205	1	NA	34.2	pg/L	#	
1060	Initial Analysis	PCB-206	1	NA	417	pg/L	#	
1061	Initial Analysis	PCB-207	1	NA	42.1	pg/L	#	
1062	Initial Analysis	PCB-208	1	NA	82	pg/L	#	
1063	Initial Analysis	PCB-209	1	NA	77	pg/L	#	
1064	Initial Analysis	PCBs (total)	1	NA	0.11	µg/L	#	
1065	Initial Analysis	Total Organic Carbon	1	NA	14	mg/L	#	
1066	Initial Analysis	bis(2-ethylhexyl)phthalate	1	NA	0.33	µg/L	#	U
1067	Initial Analysis	Butyl benzyl phthalate	1	NA	0.014	µg/L	#	U
1068	Initial Analysis	Di-n-butyl phthalate	1	NA	0.21	µg/L	#	U
1069	Initial Analysis	Di-n-octyl phthalate	1	NA	0.0052	µg/L	#	U
1070	Initial Analysis	Diethylphthalate	1	NA	0.15	µg/L	#	U
1071	Initial Analysis	Dimethyl phthalate	1	NA	0.052	µg/L	#	U
1072	Initial Analysis	2,4,5 Trichlorophenoxyacetic acid	1	NA	0.21	µg/L	#	U
1073	Initial Analysis	2,4-DB	1	NA	0.2	µg/L	#	U
1074	Initial Analysis	2,4-Dichlorophenoxyacetic acid	1	NA	0.3	µg/L	#	J
1075	Initial Analysis	2-(2-Methyl-4-chlorophenoxy) propionic acid	1	NA	32	µg/L	#	U
1076	Initial Analysis	Dalapon	1	NA	0.38	µg/L	#	U
1077	Initial Analysis	Dicamba	1	NA	0.43	µg/L	#	U
1078	Initial Analysis	Dichloroprop	1	NA	0.8	µg/L	#	U
1079	Initial Analysis	Dinoseb	1	NA	0.23	µg/L	#	U
1080	Initial Analysis	MCPA	1	NA	43	µg/L	#	U

	X	Y	Z	AA
1036			Y	N
1037			N	N
1038			Y	N
1039			Y	N
1040			N	N
1041			Y	N
1042			N	N
1043			N	N
1044			Y	N
1045			Y	N
1046			Y	N
1047			N	N
1048			Y	N
1049			Y	N
1050			Y	N
1051			Y	N
1052			Y	N
1053			Y	N
1054			Y	N
1055			Y	N
1056			Y	N
1057			Y	N
1058			N	N
1059			Y	N
1060			Y	N
1061			Y	N
1062			Y	N
1063			Y	N
1064			Y	Y
1065			Y	N
1066			N	N
1067			N	N
1068			N	N
1069			N	N
1070			N	N
1071			N	N
1072			N	N
1073			N	N
1074			Y	N
1075			N	N
1076			N	N
1077			N	N
1078			N	N
1079			N	N
1080			N	N

	A	B	C	D	E	F	G
1081	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1082	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1083	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1084	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1085	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1086	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1087	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1088	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1089	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1090	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1091	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1092	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1093	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1094	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1095	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1096	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1097	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1098	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1099	OF 18	LWG Round 3 Stormwater	WR123	7620057.471	716885.5428	SP_OR_N_HARN_FT_INTL	LW3-STW-GW10-WR123-T
1100	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1101	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1102	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1103	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1104	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1105	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1106	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1107	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1108	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1109	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1110	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1111	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1112	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1113	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1114	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1115	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1116	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1117	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1118	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1119	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1120	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1121	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1122	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1123	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1124	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1125	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384

	H	I	J	K	L	M	N	O
1081	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	6/9/2007
1082	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1083	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1084	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1085	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1086	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1087	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1088	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1089	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1090	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1091	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1092	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1093	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1094	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1095	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1096	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1097	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1098	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1099	Single	5/21/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	6/11/2007
1100	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	4/11/2007
1101	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1102	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1103	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1104	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1105	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1106	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1107	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1108	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1109	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1110	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1111	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1112	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1113	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1114	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1115	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1116	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1117	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1118	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1119	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1120	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1121	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1122	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1123	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1124	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1125	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007

	P	Q	R	S	T	U	V	W
1081	Initial Analysis	Silvex	1	NA	0.21	µg/L	#	U
1082	Initial Analysis	2-Methylnaphthalene	1	NA	0.009	µg/L	#	U
1083	Initial Analysis	Acenaphthene	1	NA	0.014	µg/L	#	J
1084	Initial Analysis	Acenaphthylene	1	NA	0.0053	µg/L	#	J
1085	Initial Analysis	Anthracene	1	NA	0.011	µg/L	#	J
1086	Initial Analysis	Benzo(a)anthracene	1	NA	0.032	µg/L	#	
1087	Initial Analysis	Benzo(a)pyrene	1	NA	0.031	µg/L	#	
1088	Initial Analysis	Benzo(b)fluoranthene	1	NA	0.046	µg/L	#	
1089	Initial Analysis	Benzo(g,h,i)perylene	1	NA	0.029	µg/L	#	
1090	Initial Analysis	Benzo(k)fluoranthene	1	NA	0.016	µg/L	#	J
1091	Initial Analysis	Chrysene	1	NA	0.06	µg/L	#	
1092	Initial Analysis	Dibenzo(a,h)anthracene	1	NA	0.0057	µg/L	#	J
1093	Initial Analysis	Dibenzofuran	1	NA	0.0061	µg/L	#	J
1094	Initial Analysis	Fluoranthene	1	NA	0.12	µg/L	#	
1095	Initial Analysis	Fluorene	1	NA	0.0087	µg/L	#	J
1096	Initial Analysis	Indeno(1,2,3-cd)pyrene	1	NA	0.026	µg/L	#	
1097	Initial Analysis	Naphthalene	1	NA	0.013	µg/L	#	U
1098	Initial Analysis	Phenanthrene	1	NA	0.044	µg/L	#	
1099	Initial Analysis	Pyrene	1	NA	0.22	µg/L	#	
1100	Initial Analysis	Total Suspended Solids	1	NA	6	mg/L	#	
1101	Initial Analysis	PCB-001	1	NA	27.4	pg/L	#	U
1102	Initial Analysis	PCB-002	1	NA	27.4	pg/L	#	U
1103	Initial Analysis	PCB-003	1	NA	27.4	pg/L	#	U
1104	Initial Analysis	PCB-004/010	1	NA	2510	pg/L	#	
1105	Initial Analysis	PCB-005/008	1	NA	54.7	pg/L	#	U
1106	Initial Analysis	PCB-006	1	NA	54.7	pg/L	#	U
1107	Initial Analysis	PCB-007/009	1	NA	54.7	pg/L	#	U
1108	Initial Analysis	PCB-011	1	NA	54.7	pg/L	#	U
1109	Initial Analysis	PCB-012/013	1	NA	54.7	pg/L	#	U
1110	Initial Analysis	PCB-014	1	NA	54.7	pg/L	#	U
1111	Initial Analysis	PCB-015	1	NA	2000	pg/L	#	
1112	Initial Analysis	PCB-016/032	1	NA	4160	pg/L	#	
1113	Initial Analysis	PCB-017	1	NA	2150	pg/L	#	
1114	Initial Analysis	PCB-018	1	NA	6710	pg/L	#	
1115	Initial Analysis	PCB-019	1	NA	1100	pg/L	#	
1116	Initial Analysis	PCB-020/021/033	1	NA	229	pg/L	#	
1117	Initial Analysis	PCB-022	1	NA	363	pg/L	#	
1118	Initial Analysis	PCB-023	1	NA	27.4	pg/L	#	U
1119	Initial Analysis	PCB-024/027	1	NA	580	pg/L	#	
1120	Initial Analysis	PCB-025	1	NA	256	pg/L	#	
1121	Initial Analysis	PCB-026	1	NA	827	pg/L	#	
1122	Initial Analysis	PCB-028	1	NA	4420	pg/L	#	
1123	Initial Analysis	PCB-029	1	NA	27.4	pg/L	#	U
1124	Initial Analysis	PCB-030	1	NA	27.4	pg/L	#	U
1125	Initial Analysis	PCB-031	1	NA	3920	pg/L	#	

	X	Y	Z	AA
1081			N	N
1082			N	N
1083			Y	N
1084			Y	N
1085			Y	N
1086			Y	N
1087			Y	N
1088			Y	N
1089			Y	N
1090			Y	N
1091			Y	N
1092			Y	N
1093			Y	N
1094			Y	N
1095			Y	N
1096			Y	N
1097			N	N
1098			Y	N
1099			Y	N
1100			Y	N
1101			N	N
1102			N	N
1103			N	N
1104			Y	N
1105			N	N
1106			N	N
1107			N	N
1108			N	N
1109			N	N
1110			N	N
1111			Y	N
1112			Y	N
1113			Y	N
1114			Y	N
1115			Y	N
1116			Y	N
1117			Y	N
1118			N	N
1119			Y	N
1120			Y	N
1121			Y	N
1122			Y	N
1123			N	N
1124			N	N
1125			Y	N

	A	B	C	D	E	F	G
1126	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1127	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1128	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1129	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1130	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1131	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1132	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1133	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1134	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1135	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1136	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1137	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1138	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1139	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1140	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1141	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1142	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1143	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1144	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1145	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1146	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1147	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1148	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1149	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1150	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1151	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1152	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1153	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1154	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1155	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1156	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1157	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1158	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1159	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1160	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1161	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1162	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1163	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1164	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1165	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1166	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1167	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1168	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1169	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1170	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384

	H	I	J	K	L	M	N	O
1126	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1127	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1128	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1129	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1130	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1131	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1132	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1133	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1134	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1135	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1136	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1137	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1138	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1139	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1140	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1141	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1142	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1143	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1144	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1145	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1146	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1147	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1148	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1149	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1150	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1151	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1152	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1153	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1154	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1155	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1156	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1157	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1158	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1159	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1160	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1161	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1162	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1163	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1164	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1165	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1166	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1167	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1168	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1169	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1170	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007

	P	Q	R	S	T	U	V	W
1126	Initial Analysis	PCB-034	1	NA	27.4	pg/L	#	U
1127	Initial Analysis	PCB-035	1	NA	29.1	pg/L	#	
1128	Initial Analysis	PCB-036	1	NA	27.4	pg/L	#	U
1129	Initial Analysis	PCB-037	1	NA	1120	pg/L	#	
1130	Initial Analysis	PCB-038	1	NA	28.6	pg/L	#	
1131	Initial Analysis	PCB-039	1	NA	27.4	pg/L	#	U
1132	Initial Analysis	PCB-040	1	NA	960	pg/L	#	
1133	Initial Analysis	PCB-041/064/071/072	1	NA	4900	pg/L	#	
1134	Initial Analysis	PCB-042/059	1	NA	1820	pg/L	#	
1135	Initial Analysis	PCB-043/049	1	NA	3670	pg/L	#	
1136	Initial Analysis	PCB-044	1	NA	5300	pg/L	#	
1137	Initial Analysis	PCB-045	1	NA	1100	pg/L	#	
1138	Initial Analysis	PCB-046	1	NA	456	pg/L	#	
1139	Initial Analysis	PCB-047	1	NA	1280	pg/L	#	
1140	Initial Analysis	PCB-048/075	1	NA	1250	pg/L	#	
1141	Initial Analysis	PCB-050	1	NA	27.4	pg/L	#	U
1142	Initial Analysis	PCB-051	1	NA	313	pg/L	#	
1143	Initial Analysis	PCB-052/069	1	NA	5430	pg/L	#	
1144	Initial Analysis	PCB-053	1	NA	910	pg/L	#	
1145	Initial Analysis	PCB-054	1	NA	27.4	pg/L	#	U
1146	Initial Analysis	PCB-055	1	NA	36.2	pg/L	#	
1147	Initial Analysis	PCB-056/060	1	NA	948	pg/L	#	
1148	Initial Analysis	PCB-057	1	NA	27.4	pg/L	#	U
1149	Initial Analysis	PCB-058	1	NA	27.4	pg/L	#	U
1150	Initial Analysis	PCB-061/070	1	NA	2450	pg/L	#	
1151	Initial Analysis	PCB-062	1	NA	27.4	pg/L	#	U
1152	Initial Analysis	PCB-063	1	NA	103	pg/L	#	
1153	Initial Analysis	PCB-065	1	NA	27.4	pg/L	#	U
1154	Initial Analysis	PCB-066/076	1	NA	1540	pg/L	#	
1155	Initial Analysis	PCB-067	1	NA	129	pg/L	#	
1156	Initial Analysis	PCB-068	1	NA	27.4	pg/L	#	U
1157	Initial Analysis	PCB-073	1	NA	27.4	pg/L	#	U
1158	Initial Analysis	PCB-074	1	NA	1020	pg/L	#	
1159	Initial Analysis	PCB-077	1	NA	130	pg/L	#	
1160	Initial Analysis	PCB-078	1	NA	27.4	pg/L	#	U
1161	Initial Analysis	PCB-079	1	NA	27.4	pg/L	#	U
1162	Initial Analysis	PCB-080	1	NA	27.4	pg/L	#	U
1163	Initial Analysis	PCB-081	1	NA	7.46	pg/L	#	U
1164	Initial Analysis	PCB-082	1	NA	359	pg/L	#	
1165	Initial Analysis	PCB-083	1	NA	27.4	pg/L	#	U
1166	Initial Analysis	PCB-084/092	1	NA	1320	pg/L	#	
1167	Initial Analysis	PCB-085/116	1	NA	461	pg/L	#	
1168	Initial Analysis	PCB-086	1	NA	27.4	pg/L	#	U
1169	Initial Analysis	PCB-087/117/125	1	NA	1170	pg/L	#	
1170	Initial Analysis	PCB-088/091	1	NA	478	pg/L	#	

	X	Y	Z	AA
1126			N	N
1127			Y	N
1128			N	N
1129			Y	N
1130			Y	N
1131			N	N
1132			Y	N
1133			Y	N
1134			Y	N
1135			Y	N
1136			Y	N
1137			Y	N
1138			Y	N
1139			Y	N
1140			Y	N
1141			N	N
1142			Y	N
1143			Y	N
1144			Y	N
1145			N	N
1146			Y	N
1147			Y	N
1148			N	N
1149			N	N
1150			Y	N
1151			N	N
1152			Y	N
1153			N	N
1154			Y	N
1155			Y	N
1156			N	N
1157			N	N
1158			Y	N
1159			Y	N
1160			N	N
1161			N	N
1162			N	N
1163			N	N
1164			Y	N
1165			N	N
1166			Y	N
1167			Y	N
1168			N	N
1169			Y	N
1170			Y	N

	A	B	C	D	E	F	G
1171	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1172	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1173	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1174	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1175	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1176	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1177	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1178	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1179	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1180	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1181	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1182	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1183	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1184	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1185	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1186	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1187	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1188	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1189	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1190	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1191	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1192	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1193	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1194	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1195	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1196	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1197	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1198	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1199	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1200	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1201	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1202	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1203	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1204	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1205	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1206	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1207	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1208	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1209	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1210	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1211	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1212	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1213	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1214	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1215	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384

	H	I	J	K	L	M	N	O
1171	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1172	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1173	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1174	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1175	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1176	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1177	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1178	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1179	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1180	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1181	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1182	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1183	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1184	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1185	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1186	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1187	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1188	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1189	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1190	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1191	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1192	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1193	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1194	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1195	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1196	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1197	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1198	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1199	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1200	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1201	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1202	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1203	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1204	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1205	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1206	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1207	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1208	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1209	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1210	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1211	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1212	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1213	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1214	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1215	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007

	P	Q	R	S	T	U	V	W
1171	Initial Analysis	PCB-089	1	NA	48.1	pg/L	#	
1172	Initial Analysis	PCB-090/101	1	NA	2930	pg/L	#	
1173	Initial Analysis	PCB-093	1	NA	27.4	pg/L	#	U
1174	Initial Analysis	PCB-094	1	NA	32.4	pg/L	#	
1175	Initial Analysis	PCB-095/098/102	1	NA	2850	pg/L	#	
1176	Initial Analysis	PCB-096	1	NA	56	pg/L	#	
1177	Initial Analysis	PCB-097	1	NA	866	pg/L	#	
1178	Initial Analysis	PCB-099	1	NA	1090	pg/L	#	
1179	Initial Analysis	PCB-100	1	NA	27.4	pg/L	#	U
1180	Initial Analysis	PCB-103	1	NA	27.4	pg/L	#	U
1181	Initial Analysis	PCB-104	1	NA	27.4	pg/L	#	U
1182	Initial Analysis	PCB-105	1	NA	861	pg/L	#	
1183	Initial Analysis	PCB-106/118	1	NA	2150	pg/L	#	
1184	Initial Analysis	PCB-107/109	1	NA	151	pg/L	#	
1185	Initial Analysis	PCB-108/112	1	NA	129	pg/L	#	
1186	Initial Analysis	PCB-110	1	NA	3220	pg/L	#	
1187	Initial Analysis	PCB-111/115	1	NA	58.9	pg/L	#	
1188	Initial Analysis	PCB-113	1	NA	27.4	pg/L	#	U
1189	Initial Analysis	PCB-114	1	NA	54.1	pg/L	#	
1190	Initial Analysis	PCB-119	1	NA	41.2	pg/L	#	
1191	Initial Analysis	PCB-120	1	NA	27.4	pg/L	#	U
1192	Initial Analysis	PCB-121	1	NA	27.4	pg/L	#	U
1193	Initial Analysis	PCB-122	1	NA	29.8	pg/L	#	
1194	Initial Analysis	PCB-123	1	NA	38.4	pg/L	#	
1195	Initial Analysis	PCB-124	1	NA	102	pg/L	#	
1196	Initial Analysis	PCB-126	1	NA	13.7	pg/L	#	J
1197	Initial Analysis	PCB-127	1	NA	27.4	pg/L	#	U
1198	Initial Analysis	PCB-128/162	1	NA	423	pg/L	#	
1199	Initial Analysis	PCB-129	1	NA	155	pg/L	#	
1200	Initial Analysis	PCB-130	1	NA	176	pg/L	#	
1201	Initial Analysis	PCB-131	1	NA	27.4	pg/L	#	U
1202	Initial Analysis	PCB-132/161	1	NA	775	pg/L	#	
1203	Initial Analysis	PCB-133/142	1	NA	73.2	pg/L	#	
1204	Initial Analysis	PCB-134/143	1	NA	144	pg/L	#	
1205	Initial Analysis	PCB-135	1	NA	298	pg/L	#	
1206	Initial Analysis	PCB-136	1	NA	316	pg/L	#	
1207	Initial Analysis	PCB-137	1	NA	150	pg/L	#	
1208	Initial Analysis	PCB-138/163/164	1	NA	2670	pg/L	#	
1209	Initial Analysis	PCB-139/149	1	NA	1930	pg/L	#	
1210	Initial Analysis	PCB-140	1	NA	27.4	pg/L	#	U
1211	Initial Analysis	PCB-141	1	NA	481	pg/L	#	
1212	Initial Analysis	PCB-144	1	NA	119	pg/L	#	
1213	Initial Analysis	PCB-145	1	NA	27.4	pg/L	#	U
1214	Initial Analysis	PCB-146/165	1	NA	301	pg/L	#	
1215	Initial Analysis	PCB-147	1	NA	60.3	pg/L	#	

	X	Y	Z	AA
1171			Y	N
1172			Y	N
1173			N	N
1174			Y	N
1175			Y	N
1176			Y	N
1177			Y	N
1178			Y	N
1179			N	N
1180			N	N
1181			N	N
1182			Y	N
1183			Y	N
1184			Y	N
1185			Y	N
1186			Y	N
1187			Y	N
1188			N	N
1189			Y	N
1190			Y	N
1191			N	N
1192			N	N
1193			Y	N
1194			Y	N
1195			Y	N
1196			Y	N
1197			N	N
1198			Y	N
1199			Y	N
1200			Y	N
1201			N	N
1202			Y	N
1203			Y	N
1204			Y	N
1205			Y	N
1206			Y	N
1207			Y	N
1208			Y	N
1209			Y	N
1210			N	N
1211			Y	N
1212			Y	N
1213			N	N
1214			Y	N
1215			Y	N

	A	B	C	D	E	F	G
1216	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1217	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1218	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1219	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1220	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1221	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1222	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1223	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1224	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1225	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1226	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1227	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1228	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1229	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1230	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1231	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1232	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1233	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1234	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1235	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1236	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1237	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1238	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1239	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1240	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1241	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1242	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1243	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1244	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1245	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1246	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1247	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1248	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1249	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1250	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1251	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1252	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1253	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1254	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1255	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1256	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1257	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1258	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1259	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1260	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384

	H	I	J	K	L	M	N	O
1216	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1217	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1218	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1219	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1220	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1221	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1222	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1223	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1224	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1225	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1226	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1227	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1228	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1229	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1230	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1231	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1232	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1233	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1234	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1235	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1236	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1237	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1238	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1239	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1240	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1241	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1242	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1243	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1244	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1245	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1246	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1247	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1248	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1249	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1250	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1251	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1252	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1253	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1254	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1255	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1256	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1257	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1258	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1259	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1260	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007

	P	Q	R	S	T	U	V	W
1216	Initial Analysis	PCB-148	1	NA	27.4	pg/L	#	U
1217	Initial Analysis	PCB-150	1	NA	27.4	pg/L	#	U
1218	Initial Analysis	PCB-151	1	NA	467	pg/L	#	
1219	Initial Analysis	PCB-152	1	NA	27.4	pg/L	#	U
1220	Initial Analysis	PCB-153	1	NA	2130	pg/L	#	
1221	Initial Analysis	PCB-154	1	NA	27.4	pg/L	#	U
1222	Initial Analysis	PCB-155	1	NA	27.4	pg/L	#	U
1223	Initial Analysis	PCB-156	1	NA	265	pg/L	#	
1224	Initial Analysis	PCB-157	1	NA	64	pg/L	#	
1225	Initial Analysis	PCB-158/160	1	NA	327	pg/L	#	
1226	Initial Analysis	PCB-159	1	NA	27.4	pg/L	#	U
1227	Initial Analysis	PCB-166	1	NA	27.4	pg/L	#	U
1228	Initial Analysis	PCB-167	1	NA	103	pg/L	#	
1229	Initial Analysis	PCB-168	1	NA	27.4	pg/L	#	U
1230	Initial Analysis	PCB-169	1	NA	6.13	pg/L	#	U
1231	Initial Analysis	PCB-170	1	NA	411	pg/L	#	
1232	Initial Analysis	PCB-171	1	NA	114	pg/L	#	
1233	Initial Analysis	PCB-172	1	NA	82.9	pg/L	#	
1234	Initial Analysis	PCB-173	1	NA	27.4	pg/L	#	U
1235	Initial Analysis	PCB-174	1	NA	502	pg/L	#	
1236	Initial Analysis	PCB-175	1	NA	27.4	pg/L	#	U
1237	Initial Analysis	PCB-176	1	NA	67	pg/L	#	
1238	Initial Analysis	PCB-177	1	NA	261	pg/L	#	
1239	Initial Analysis	PCB-178	1	NA	104	pg/L	#	
1240	Initial Analysis	PCB-179	1	NA	222	pg/L	#	
1241	Initial Analysis	PCB-180	1	NA	1190	pg/L	#	
1242	Initial Analysis	PCB-181	1	NA	27.4	pg/L	#	U
1243	Initial Analysis	PCB-182/187	1	NA	667	pg/L	#	
1244	Initial Analysis	PCB-183	1	NA	296	pg/L	#	
1245	Initial Analysis	PCB-184	1	NA	27.4	pg/L	#	U
1246	Initial Analysis	PCB-185	1	NA	61.1	pg/L	#	
1247	Initial Analysis	PCB-186	1	NA	27.4	pg/L	#	U
1248	Initial Analysis	PCB-188	1	NA	27.4	pg/L	#	U
1249	Initial Analysis	PCB-189	1	NA	21.2	pg/L	#	J
1250	Initial Analysis	PCB-190	1	NA	85.9	pg/L	#	
1251	Initial Analysis	PCB-191	1	NA	27.4	pg/L	#	U
1252	Initial Analysis	PCB-192	1	NA	27.4	pg/L	#	U
1253	Initial Analysis	PCB-193	1	NA	50.6	pg/L	#	
1254	Initial Analysis	PCB-194	1	NA	343	pg/L	#	
1255	Initial Analysis	PCB-195	1	NA	107	pg/L	#	
1256	Initial Analysis	PCB-196/203	1	NA	558	pg/L	#	
1257	Initial Analysis	PCB-197	1	NA	27.4	pg/L	#	U
1258	Initial Analysis	PCB-198	1	NA	27.4	pg/L	#	U
1259	Initial Analysis	PCB-199	1	NA	522	pg/L	#	
1260	Initial Analysis	PCB-200	1	NA	56	pg/L	#	

	X	Y	Z	AA
1216			N	N
1217			N	N
1218			Y	N
1219			N	N
1220			Y	N
1221			N	N
1222			N	N
1223			Y	N
1224			Y	N
1225			Y	N
1226			N	N
1227			N	N
1228			Y	N
1229			N	N
1230			N	N
1231			Y	N
1232			Y	N
1233			Y	N
1234			N	N
1235			Y	N
1236			N	N
1237			Y	N
1238			Y	N
1239			Y	N
1240			Y	N
1241			Y	N
1242			N	N
1243			Y	N
1244			Y	N
1245			N	N
1246			Y	N
1247			N	N
1248			N	N
1249			Y	N
1250			Y	N
1251			N	N
1252			N	N
1253			Y	N
1254			Y	N
1255			Y	N
1256			Y	N
1257			N	N
1258			N	N
1259			Y	N
1260			Y	N

	A	B	C	D	E	F	G
1261	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1262	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1263	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1264	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1265	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1266	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1267	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1268	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1269	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1270	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1271	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1272	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1273	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1274	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1275	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1276	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1277	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1278	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1279	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1280	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1281	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1282	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1283	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1284	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1285	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1286	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1287	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1288	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1289	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1290	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1291	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1292	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1293	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1294	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1295	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1296	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1297	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1298	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1299	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1300	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1301	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1302	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1303	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1304	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1305	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384

	H	I	J	K	L	M	N	O
1261	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1262	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1263	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1264	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1265	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1266	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1267	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1268	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1269	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	4/24/2007
1270	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/11/2007
1271	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/2/2007
1272	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1273	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1274	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1275	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1276	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1277	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1278	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1279	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1280	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1281	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/4/2007
1282	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	4/24/2007
1283	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1284	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1285	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1286	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1287	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1288	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1289	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1290	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1291	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1292	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	4/18/2007
1293	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1294	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1295	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1296	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1297	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1298	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1299	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1300	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1301	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1302	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1303	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1304	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1305	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007

	P	Q	R	S	T	U	V	W
1261	Initial Analysis	PCB-201	1	NA	58.9	pg/L	#	
1262	Initial Analysis	PCB-202	1	NA	105	pg/L	#	
1263	Initial Analysis	PCB-204	1	NA	27.4	pg/L	#	U
1264	Initial Analysis	PCB-205	1	NA	27.4	pg/L	#	U
1265	Initial Analysis	PCB-206	1	NA	323	pg/L	#	
1266	Initial Analysis	PCB-207	1	NA	31.6	pg/L	#	
1267	Initial Analysis	PCB-208	1	NA	74.1	pg/L	#	
1268	Initial Analysis	PCB-209	1	NA	45.6	pg/L	#	
1269	Initial Analysis	PCBs (total)	1	NA	0.1	µg/L	#	J
1270	Initial Analysis	Total Organic Carbon	1	NA	21.7	mg/L	#	
1271	Initial Analysis	Arsenic	1	Total	1.5	µg/L	#	
1272	Initial Analysis	Aluminum	1	Total	44.9	µg/L	#	J
1273	Initial Analysis	Antimony	1	Total	2.11	µg/L	#	
1274	Initial Analysis	Cadmium	1	Total	0.247	µg/L	#	
1275	Initial Analysis	Chromium	1	Total	0.94	µg/L	#	
1276	Initial Analysis	Copper	1	Total	9.13	µg/L	#	
1277	Initial Analysis	Lead	1	Total	6.22	µg/L	#	
1278	Initial Analysis	Nickel	1	Total	9.09	µg/L	#	
1279	Initial Analysis	Selenium	1	Total	0.9	µg/L	#	J
1280	Initial Analysis	Silver	1	Total	0.009	µg/L	#	J
1281	Initial Analysis	Zinc	1	Total	50.3	µg/L	#	J
1282	Initial Analysis	Mercury	1	Total	0.08	µg/L	#	J
1283	Initial Analysis	2,4,5 Trichlorophenoxyacetic acid	1	NA	0.046	µg/L	#	U
1284	Initial Analysis	2,4-DB	1	NA	0.044	µg/L	#	U
1285	Initial Analysis	2,4-Dichlorophenoxyacetic acid	1	NA	0.64	µg/L	#	NJ
1286	Initial Analysis	2-(2-Methyl-4-chlorophenoxy) propionic acid	1	NA	10	µg/L	#	U
1287	Initial Analysis	Dalapon	1	NA	1.5	µg/L	#	U
1288	Initial Analysis	Dicamba	1	NA	0.25	µg/L	#	U
1289	Initial Analysis	Dichloroprop	1	NA	0.18	µg/L	#	U
1290	Initial Analysis	Dinoseb	1	NA	0.049	µg/L	#	U
1291	Initial Analysis	MCPA	1	NA	9.2	µg/L	#	U
1292	Initial Analysis	Silvex	1	NA	0.046	µg/L	#	U
1293	Initial Analysis	2-Methylnaphthalene	1	NA	0.0046	µg/L	#	U
1294	Initial Analysis	Acenaphthene	1	NA	0.0034	µg/L	#	U
1295	Initial Analysis	Acenaphthylene	1	NA	0.0025	µg/L	#	U
1296	Initial Analysis	Anthracene	1	NA	0.063	µg/L	#	U
1297	Initial Analysis	Benzo(a)anthracene	1	NA	0.047	µg/L	#	
1298	Initial Analysis	Benzo(a)pyrene	1	NA	0.016	µg/L	#	J
1299	Initial Analysis	Benzo(b)fluoranthene	1	NA	0.04	µg/L	#	
1300	Initial Analysis	Benzo(g,h,i)perylene	1	NA	0.08	µg/L	#	
1301	Initial Analysis	Benzo(k)fluoranthene	1	NA	0.016	µg/L	#	J
1302	Initial Analysis	Chrysene	1	NA	0.023	µg/L	#	U
1303	Initial Analysis	Dibenzo(a,h)anthracene	1	NA	0.0039	µg/L	#	U
1304	Initial Analysis	Dibenzofuran	1	NA	0.0042	µg/L	#	U
1305	Initial Analysis	Fluoranthene	1	NA	0.042	µg/L	#	

	X	Y	Z	AA
1261			Y	N
1262			Y	N
1263			N	N
1264			N	N
1265			Y	N
1266			Y	N
1267			Y	N
1268			Y	N
1269			Y	Y
1270			Y	N
1271			Y	N
1272			Y	N
1273			Y	N
1274			Y	N
1275			Y	N
1276			Y	N
1277			Y	N
1278			Y	N
1279			Y	N
1280			Y	N
1281			Y	N
1282			Y	N
1283			N	N
1284			N	N
1285			Y	N
1286			N	N
1287			N	N
1288			N	N
1289			N	N
1290			N	N
1291			N	N
1292			N	N
1293			N	N
1294			N	N
1295			N	N
1296			N	N
1297			Y	N
1298			Y	N
1299			Y	N
1300			Y	N
1301			Y	N
1302			N	N
1303			N	N
1304			N	N
1305			Y	N

	A	B	C	D	E	F	G
1306	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1307	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1308	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1309	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1310	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW10-WR384
1311	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1312	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1313	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1314	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1315	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1316	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1317	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1318	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1319	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1320	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1321	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1322	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1323	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1324	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1325	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1326	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1327	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1328	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1329	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1330	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1331	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1332	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1333	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1334	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1335	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1336	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1337	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1338	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1339	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1340	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1341	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1342	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1343	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1344	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1345	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1346	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1347	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1348	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1349	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1350	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384

	H	I	J	K	L	M	N	O
1306	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1307	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1308	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1309	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1310	Composite	4/9/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/20/2007
1311	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	4/25/2007
1312	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1313	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1314	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1315	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1316	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1317	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1318	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1319	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1320	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1321	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1322	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1323	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1324	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1325	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1326	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1327	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1328	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1329	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1330	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1331	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1332	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1333	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1334	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1335	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1336	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1337	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1338	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1339	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1340	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1341	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1342	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1343	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1344	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1345	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1346	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1347	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1348	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1349	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1350	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007

	P	Q	R	S	T	U	V	W
1306	Initial Analysis	Fluorene	1	NA	0.0039	µg/L	#	U
1307	Initial Analysis	Indeno(1,2,3-cd)pyrene	1	NA	0.027	µg/L	#	
1308	Initial Analysis	Naphthalene	1	NA	0.063	µg/L	#	U
1309	Initial Analysis	Phenanthrene	1	NA	0.091	µg/L	#	U
1310	Initial Analysis	Pyrene	1	NA	0.08	µg/L	#	
1311	Initial Analysis	Total Suspended Solids	1	NA	780	mg/L	#	
1312	Initial Analysis	PCB-001	1	NA	10200	pg/L	#	
1313	Initial Analysis	PCB-002	1	NA	2160	pg/L	#	
1314	Initial Analysis	PCB-003	1	NA	10300	pg/L	#	
1315	Initial Analysis	PCB-004/010	1	NA	44300	pg/L	#	
1316	Initial Analysis	PCB-005/008	1	NA	175000	pg/L	#	
1317	Initial Analysis	PCB-006	1	NA	36900	pg/L	#	
1318	Initial Analysis	PCB-007/009	1	NA	17800	pg/L	#	
1319	Initial Analysis	PCB-011	1	NA	4580	pg/L	#	
1320	Initial Analysis	PCB-012/013	1	NA	21900	pg/L	#	
1321	Initial Analysis	PCB-014	1	NA	269	pg/L	#	U
1322	Initial Analysis	PCB-015	1	NA	137000	pg/L	#	
1323	Initial Analysis	PCB-016/032	1	NA	233000	pg/L	#	
1324	Initial Analysis	PCB-017	1	NA	133000	pg/L	#	
1325	Initial Analysis	PCB-018	1	NA	329000	pg/L	#	
1326	Initial Analysis	PCB-019	1	NA	29900	pg/L	#	
1327	Initial Analysis	PCB-020/021/033	1	NA	293000	pg/L	#	
1328	Initial Analysis	PCB-022	1	NA	177000	pg/L	#	
1329	Initial Analysis	PCB-023	1	NA	526	pg/L	#	
1330	Initial Analysis	PCB-024/027	1	NA	28500	pg/L	#	
1331	Initial Analysis	PCB-025	1	NA	37400	pg/L	#	
1332	Initial Analysis	PCB-026	1	NA	76600	pg/L	#	
1333	Initial Analysis	PCB-028	1	NA	399000	pg/L	#	
1334	Initial Analysis	PCB-029	1	NA	4020	pg/L	#	
1335	Initial Analysis	PCB-030	1	NA	184	pg/L	#	
1336	Initial Analysis	PCB-031	1	NA	388000	pg/L	#	
1337	Initial Analysis	PCB-034	1	NA	1750	pg/L	#	
1338	Initial Analysis	PCB-035	1	NA	6470	pg/L	#	
1339	Initial Analysis	PCB-036	1	NA	134	pg/L	#	U
1340	Initial Analysis	PCB-037	1	NA	108000	pg/L	#	
1341	Initial Analysis	PCB-038	1	NA	2130	pg/L	#	
1342	Initial Analysis	PCB-039	1	NA	172	pg/L	#	
1343	Initial Analysis	PCB-040	1	NA	59800	pg/L	#	
1344	Initial Analysis	PCB-041/064/071/072	1	NA	304000	pg/L	#	
1345	Initial Analysis	PCB-042/059	1	NA	114000	pg/L	#	
1346	Initial Analysis	PCB-043/049	1	NA	236000	pg/L	#	
1347	Initial Analysis	PCB-044	1	NA	346000	pg/L	#	
1348	Initial Analysis	PCB-045	1	NA	61400	pg/L	#	
1349	Initial Analysis	PCB-046	1	NA	24700	pg/L	#	
1350	Initial Analysis	PCB-047	1	NA	80900	pg/L	#	

	X	Y	Z	AA
1306			N	N
1307			Y	N
1308			N	N
1309			N	N
1310			Y	N
1311			Y	N
1312			Y	N
1313			Y	N
1314			Y	N
1315			Y	N
1316			Y	N
1317			Y	N
1318			Y	N
1319			Y	N
1320			Y	N
1321			N	N
1322			Y	N
1323			Y	N
1324			Y	N
1325			Y	N
1326			Y	N
1327			Y	N
1328			Y	N
1329			Y	N
1330			Y	N
1331			Y	N
1332			Y	N
1333			Y	N
1334			Y	N
1335			Y	N
1336			Y	N
1337			Y	N
1338			Y	N
1339			N	N
1340			Y	N
1341			Y	N
1342			Y	N
1343			Y	N
1344			Y	N
1345			Y	N
1346			Y	N
1347			Y	N
1348			Y	N
1349			Y	N
1350			Y	N

	A	B	C	D	E	F	G
1351	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1352	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1353	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1354	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1355	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1356	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1357	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1358	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1359	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1360	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1361	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1362	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1363	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1364	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1365	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1366	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1367	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1368	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1369	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1370	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1371	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1372	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1373	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1374	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1375	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1376	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1377	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1378	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1379	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1380	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1381	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1382	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1383	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1384	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1385	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1386	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1387	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1388	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1389	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1390	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1391	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1392	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1393	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1394	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1395	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384

	H	I	J	K	L	M	N	O
1351	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1352	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1353	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1354	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1355	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1356	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1357	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1358	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1359	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1360	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1361	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1362	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1363	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1364	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1365	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1366	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1367	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1368	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1369	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1370	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1371	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1372	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1373	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1374	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1375	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1376	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1377	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1378	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1379	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1380	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1381	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1382	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1383	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1384	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1385	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1386	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1387	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1388	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1389	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1390	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1391	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1392	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1393	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1394	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1395	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007

	P	Q	R	S	T	U	V	W
1351	Initial Analysis	PCB-048/075	1	NA	71000	pg/L	#	
1352	Initial Analysis	PCB-050	1	NA	912	pg/L	#	
1353	Initial Analysis	PCB-051	1	NA	17000	pg/L	#	
1354	Initial Analysis	PCB-052/069	1	NA	379000	pg/L	#	
1355	Initial Analysis	PCB-053	1	NA	50300	pg/L	#	
1356	Initial Analysis	PCB-054	1	NA	864	pg/L	#	
1357	Initial Analysis	PCB-055	1	NA	5450	pg/L	#	
1358	Initial Analysis	PCB-056/060	1	NA	135000	pg/L	#	
1359	Initial Analysis	PCB-057	1	NA	1600	pg/L	#	
1360	Initial Analysis	PCB-058	1	NA	428	pg/L	#	
1361	Initial Analysis	PCB-061/070	1	NA	291000	pg/L	#	
1362	Initial Analysis	PCB-062	1	NA	220	pg/L	#	
1363	Initial Analysis	PCB-063	1	NA	8430	pg/L	#	
1364	Initial Analysis	PCB-065	1	NA	337	pg/L	#	
1365	Initial Analysis	PCB-066/076	1	NA	187000	pg/L	#	
1366	Initial Analysis	PCB-067	1	NA	9700	pg/L	#	
1367	Initial Analysis	PCB-068	1	NA	776	pg/L	#	
1368	Initial Analysis	PCB-073	1	NA	134	pg/L	#	U
1369	Initial Analysis	PCB-074	1	NA	106000	pg/L	#	
1370	Initial Analysis	PCB-077	1	NA	18700	pg/L	#	
1371	Initial Analysis	PCB-078	1	NA	134	pg/L	#	U
1372	Initial Analysis	PCB-079	1	NA	4130	pg/L	#	
1373	Initial Analysis	PCB-080	1	NA	134	pg/L	#	U
1374	Initial Analysis	PCB-081	1	NA	84.3	pg/L	#	U
1375	Initial Analysis	PCB-082	1	NA	63500	pg/L	#	
1376	Initial Analysis	PCB-083	1	NA	157	pg/L	#	
1377	Initial Analysis	PCB-084/092	1	NA	198000	pg/L	#	
1378	Initial Analysis	PCB-085/116	1	NA	68100	pg/L	#	
1379	Initial Analysis	PCB-086	1	NA	3660	pg/L	#	
1380	Initial Analysis	PCB-087/117/125	1	NA	195000	pg/L	#	
1381	Initial Analysis	PCB-088/091	1	NA	59000	pg/L	#	
1382	Initial Analysis	PCB-089	1	NA	5200	pg/L	#	
1383	Initial Analysis	PCB-090/101	1	NA	470000	pg/L	#	
1384	Initial Analysis	PCB-093	1	NA	134	pg/L	#	U
1385	Initial Analysis	PCB-094	1	NA	2210	pg/L	#	
1386	Initial Analysis	PCB-095/098/102	1	NA	373000	pg/L	#	
1387	Initial Analysis	PCB-096	1	NA	4510	pg/L	#	
1388	Initial Analysis	PCB-097	1	NA	143000	pg/L	#	
1389	Initial Analysis	PCB-099	1	NA	179000	pg/L	#	
1390	Initial Analysis	PCB-100	1	NA	1000	pg/L	#	
1391	Initial Analysis	PCB-103	1	NA	2210	pg/L	#	
1392	Initial Analysis	PCB-104	1	NA	134	pg/L	#	U
1393	Initial Analysis	PCB-105	1	NA	167000	pg/L	#	
1394	Initial Analysis	PCB-106/118	1	NA	397000	pg/L	#	
1395	Initial Analysis	PCB-107/109	1	NA	26300	pg/L	#	

	X	Y	Z	AA
1351			Y	N
1352			Y	N
1353			Y	N
1354			Y	N
1355			Y	N
1356			Y	N
1357			Y	N
1358			Y	N
1359			Y	N
1360			Y	N
1361			Y	N
1362			Y	N
1363			Y	N
1364			Y	N
1365			Y	N
1366			Y	N
1367			Y	N
1368			N	N
1369			Y	N
1370			Y	N
1371			N	N
1372			Y	N
1373			N	N
1374			N	N
1375			Y	N
1376			Y	N
1377			Y	N
1378			Y	N
1379			Y	N
1380			Y	N
1381			Y	N
1382			Y	N
1383			Y	N
1384			N	N
1385			Y	N
1386			Y	N
1387			Y	N
1388			Y	N
1389			Y	N
1390			Y	N
1391			Y	N
1392			N	N
1393			Y	N
1394			Y	N
1395			Y	N

	A	B	C	D	E	F	G
1396	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1397	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1398	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1399	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1400	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1401	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1402	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1403	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1404	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1405	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1406	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1407	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1408	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1409	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1410	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1411	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1412	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1413	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1414	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1415	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1416	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1417	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1418	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1419	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1420	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1421	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1422	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1423	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1424	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1425	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1426	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1427	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1428	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1429	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1430	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1431	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1432	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1433	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1434	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1435	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1436	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1437	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1438	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1439	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1440	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384

	H	I	J	K	L	M	N	O
1396	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1397	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1398	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1399	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1400	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1401	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1402	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1403	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1404	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1405	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1406	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1407	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1408	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1409	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1410	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1411	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1412	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1413	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1414	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1415	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1416	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1417	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1418	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1419	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1420	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1421	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1422	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1423	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1424	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1425	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1426	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1427	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1428	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1429	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1430	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1431	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1432	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1433	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1434	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1435	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1436	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1437	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1438	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1439	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1440	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007

	P	Q	R	S	T	U	V	W
1396	Initial Analysis	PCB-108/112	1	NA	20300	pg/L	#	
1397	Initial Analysis	PCB-110	1	NA	518000	pg/L	#	
1398	Initial Analysis	PCB-111/115	1	NA	11200	pg/L	#	
1399	Initial Analysis	PCB-113	1	NA	1760	pg/L	#	
1400	Initial Analysis	PCB-114	1	NA	10300	pg/L	#	
1401	Initial Analysis	PCB-119	1	NA	5820	pg/L	#	
1402	Initial Analysis	PCB-120	1	NA	631	pg/L	#	
1403	Initial Analysis	PCB-121	1	NA	134	pg/L	#	U
1404	Initial Analysis	PCB-122	1	NA	5380	pg/L	#	
1405	Initial Analysis	PCB-123	1	NA	5650	pg/L	#	
1406	Initial Analysis	PCB-124	1	NA	18400	pg/L	#	
1407	Initial Analysis	PCB-126	1	NA	2420	pg/L	#	
1408	Initial Analysis	PCB-127	1	NA	134	pg/L	#	U
1409	Initial Analysis	PCB-128/162	1	NA	86600	pg/L	#	
1410	Initial Analysis	PCB-129	1	NA	26100	pg/L	#	
1411	Initial Analysis	PCB-130	1	NA	31100	pg/L	#	
1412	Initial Analysis	PCB-131	1	NA	141	pg/L	#	
1413	Initial Analysis	PCB-132/161	1	NA	152000	pg/L	#	
1414	Initial Analysis	PCB-133/142	1	NA	14600	pg/L	#	
1415	Initial Analysis	PCB-134/143	1	NA	29300	pg/L	#	
1416	Initial Analysis	PCB-135	1	NA	57000	pg/L	#	
1417	Initial Analysis	PCB-136	1	NA	61300	pg/L	#	
1418	Initial Analysis	PCB-137	1	NA	28600	pg/L	#	
1419	Initial Analysis	PCB-138/163/164	1	NA	483000	pg/L	#	
1420	Initial Analysis	PCB-139/149	1	NA	344000	pg/L	#	
1421	Initial Analysis	PCB-140	1	NA	1750	pg/L	#	
1422	Initial Analysis	PCB-141	1	NA	95400	pg/L	#	
1423	Initial Analysis	PCB-144	1	NA	19900	pg/L	#	
1424	Initial Analysis	PCB-145	1	NA	209	pg/L	#	
1425	Initial Analysis	PCB-146/165	1	NA	60000	pg/L	#	
1426	Initial Analysis	PCB-147	1	NA	9030	pg/L	#	
1427	Initial Analysis	PCB-148	1	NA	122	pg/L	#	J
1428	Initial Analysis	PCB-150	1	NA	437	pg/L	#	
1429	Initial Analysis	PCB-151	1	NA	85700	pg/L	#	
1430	Initial Analysis	PCB-152	1	NA	526	pg/L	#	
1431	Initial Analysis	PCB-153	1	NA	418000	pg/L	#	
1432	Initial Analysis	PCB-154	1	NA	3440	pg/L	#	
1433	Initial Analysis	PCB-155	1	NA	134	pg/L	#	U
1434	Initial Analysis	PCB-156	1	NA	54100	pg/L	#	
1435	Initial Analysis	PCB-157	1	NA	12200	pg/L	#	
1436	Initial Analysis	PCB-158/160	1	NA	55100	pg/L	#	
1437	Initial Analysis	PCB-159	1	NA	3390	pg/L	#	
1438	Initial Analysis	PCB-166	1	NA	2240	pg/L	#	
1439	Initial Analysis	PCB-167	1	NA	20000	pg/L	#	
1440	Initial Analysis	PCB-168	1	NA	472	pg/L	#	

	X	Y	Z	AA
1396			Y	N
1397			Y	N
1398			Y	N
1399			Y	N
1400			Y	N
1401			Y	N
1402			Y	N
1403			N	N
1404			Y	N
1405			Y	N
1406			Y	N
1407			Y	N
1408			N	N
1409			Y	N
1410			Y	N
1411			Y	N
1412			Y	N
1413			Y	N
1414			Y	N
1415			Y	N
1416			Y	N
1417			Y	N
1418			Y	N
1419			Y	N
1420			Y	N
1421			Y	N
1422			Y	N
1423			Y	N
1424			Y	N
1425			Y	N
1426			Y	N
1427			Y	N
1428			Y	N
1429			Y	N
1430			Y	N
1431			Y	N
1432			Y	N
1433			N	N
1434			Y	N
1435			Y	N
1436			Y	N
1437			Y	N
1438			Y	N
1439			Y	N
1440			Y	N

	A	B	C	D	E	F	G
1441	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1442	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1443	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1444	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1445	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1446	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1447	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1448	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1449	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1450	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1451	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1452	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1453	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1454	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1455	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1456	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1457	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1458	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1459	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1460	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1461	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1462	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1463	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1464	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1465	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1466	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1467	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1468	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1469	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1470	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1471	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1472	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1473	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1474	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1475	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1476	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1477	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1478	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1479	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1480	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1481	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1482	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1483	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1484	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1485	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384

	H	I	J	K	L	M	N	O
1441	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1442	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1443	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1444	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1445	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1446	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1447	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1448	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1449	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1450	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1451	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1452	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1453	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1454	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1455	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1456	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1457	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1458	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1459	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1460	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1461	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1462	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1463	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1464	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1465	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1466	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1467	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1468	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1469	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1470	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1471	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1472	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1473	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1474	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1475	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1476	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1477	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1478	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1479	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1480	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/10/2007
1481	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/25/2007
1482	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/25/2007
1483	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/2/2007
1484	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1485	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007

	P	Q	R	S	T	U	V	W
1441	Initial Analysis	PCB-169	1	NA	75.5	pg/L	#	U
1442	Initial Analysis	PCB-170	1	NA	95800	pg/L	#	
1443	Initial Analysis	PCB-171	1	NA	27600	pg/L	#	
1444	Initial Analysis	PCB-172	1	NA	17300	pg/L	#	
1445	Initial Analysis	PCB-173	1	NA	2600	pg/L	#	
1446	Initial Analysis	PCB-174	1	NA	116000	pg/L	#	
1447	Initial Analysis	PCB-175	1	NA	5310	pg/L	#	
1448	Initial Analysis	PCB-176	1	NA	12600	pg/L	#	
1449	Initial Analysis	PCB-177	1	NA	62900	pg/L	#	
1450	Initial Analysis	PCB-178	1	NA	18100	pg/L	#	
1451	Initial Analysis	PCB-179	1	NA	44800	pg/L	#	
1452	Initial Analysis	PCB-180	1	NA	251000	pg/L	#	
1453	Initial Analysis	PCB-181	1	NA	1370	pg/L	#	
1454	Initial Analysis	PCB-182/187	1	NA	118000	pg/L	#	
1455	Initial Analysis	PCB-183	1	NA	53100	pg/L	#	
1456	Initial Analysis	PCB-184	1	NA	103	pg/L	#	J
1457	Initial Analysis	PCB-185	1	NA	14300	pg/L	#	
1458	Initial Analysis	PCB-186	1	NA	134	pg/L	#	U
1459	Initial Analysis	PCB-188	1	NA	122	pg/L	#	J
1460	Initial Analysis	PCB-189	1	NA	3800	pg/L	#	
1461	Initial Analysis	PCB-190	1	NA	18400	pg/L	#	
1462	Initial Analysis	PCB-191	1	NA	3920	pg/L	#	
1463	Initial Analysis	PCB-192	1	NA	134	pg/L	#	U
1464	Initial Analysis	PCB-193	1	NA	9530	pg/L	#	
1465	Initial Analysis	PCB-194	1	NA	78000	pg/L	#	
1466	Initial Analysis	PCB-195	1	NA	28200	pg/L	#	
1467	Initial Analysis	PCB-196/203	1	NA	74800	pg/L	#	
1468	Initial Analysis	PCB-197	1	NA	2420	pg/L	#	
1469	Initial Analysis	PCB-198	1	NA	8590	pg/L	#	
1470	Initial Analysis	PCB-199	1	NA	69500	pg/L	#	
1471	Initial Analysis	PCB-200	1	NA	9460	pg/L	#	
1472	Initial Analysis	PCB-201	1	NA	10400	pg/L	#	
1473	Initial Analysis	PCB-202	1	NA	17700	pg/L	#	
1474	Initial Analysis	PCB-204	1	NA	134	pg/L	#	U
1475	Initial Analysis	PCB-205	1	NA	3330	pg/L	#	
1476	Initial Analysis	PCB-206	1	NA	59700	pg/L	#	
1477	Initial Analysis	PCB-207	1	NA	6050	pg/L	#	
1478	Initial Analysis	PCB-208	1	NA	12700	pg/L	#	
1479	Initial Analysis	PCB-209	1	NA	9550	pg/L	#	
1480	Initial Analysis	PCBs (total)	1	NA	11.6	µg/L	#	J
1481	Initial Analysis	Dissolved Organic Carbon	1	NA	15.4	mg/L	#	
1482	Initial Analysis	Total Organic Carbon	1	NA	21.7	mg/L	#	
1483	Initial Analysis	Arsenic	1	Total	2.29	µg/L	#	
1484	Initial Analysis	Antimony	1	Total	9.02	µg/L	#	
1485	Initial Analysis	Cadmium	1	Total	8.84	µg/L	#	

	X	Y	Z	AA
1441			N	N
1442			Y	N
1443			Y	N
1444			Y	N
1445			Y	N
1446			Y	N
1447			Y	N
1448			Y	N
1449			Y	N
1450			Y	N
1451			Y	N
1452			Y	N
1453			Y	N
1454			Y	N
1455			Y	N
1456			Y	N
1457			Y	N
1458			N	N
1459			Y	N
1460			Y	N
1461			Y	N
1462			Y	N
1463			N	N
1464			Y	N
1465			Y	N
1466			Y	N
1467			Y	N
1468			Y	N
1469			Y	N
1470			Y	N
1471			Y	N
1472			Y	N
1473			Y	N
1474			N	N
1475			Y	N
1476			Y	N
1477			Y	N
1478			Y	N
1479			Y	N
1480			Y	Y
1481			Y	N
1482			Y	N
1483			Y	N
1484			Y	N
1485			Y	N

	A	B	C	D	E	F	G
1486	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1487	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1488	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1489	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1490	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1491	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1492	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1493	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1494	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1495	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1496	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1497	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1498	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1499	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1500	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1501	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1502	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1503	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1504	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1505	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1506	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1507	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1508	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1509	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1510	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1511	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1512	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384
1513	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1514	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1515	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1516	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1517	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1518	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1519	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1520	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1521	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1522	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1523	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1524	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW20-WR384 DISS
1525	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1526	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1527	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1528	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1529	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1530	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384

	H	I	J	K	L	M	N	O
1486	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1487	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1488	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1489	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1490	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1491	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1492	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1493	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1494	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/9/2007
1495	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1496	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1497	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1498	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1499	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1500	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1501	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1502	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1503	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1504	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1505	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1506	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1507	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1508	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1509	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1510	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1511	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1512	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	4/28/2007
1513	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/2/2007
1514	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1515	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1516	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1517	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1518	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1519	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1520	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1521	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1522	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1523	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/7/2007
1524	Composite	4/18/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/9/2007
1525	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	4/28/2007
1526	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1527	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1528	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1529	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1530	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007

	P	Q	R	S	T	U	V	W
1486	Initial Analysis	Chromium	1	Total	142	µg/L	#	
1487	Initial Analysis	Copper	1	Total	448	µg/L	#	
1488	Initial Analysis	Nickel	1	Total	76.9	µg/L	#	
1489	Initial Analysis	Selenium	1	Total	2.4	µg/L	#	
1490	Initial Analysis	Silver	1	Total	0.971	µg/L	#	
1491	Initial Analysis	Aluminum	1	Total	4850	µg/L	#	J
1492	Initial Analysis	Lead	1	Total	580	µg/L	#	J
1493	Initial Analysis	Zinc	1	Total	1770	µg/L	#	
1494	Initial Analysis	Mercury	1	Total	1.79	µg/L	#	
1495	Initial Analysis	2-Methylnaphthalene	1	NA	0.089	µg/L	#	J
1496	Initial Analysis	Acenaphthene	1	NA	0.22	µg/L	#	J
1497	Initial Analysis	Acenaphthylene	1	NA	0.024	µg/L	#	J
1498	Initial Analysis	Anthracene	1	NA	0.36	µg/L	#	J
1499	Initial Analysis	Benzo(a)anthracene	1	NA	0.74	µg/L	#	J
1500	Initial Analysis	Benzo(a)pyrene	1	NA	0.48	µg/L	#	J
1501	Initial Analysis	Benzo(b)fluoranthene	1	NA	1.1	µg/L	#	J
1502	Initial Analysis	Benzo(g,h,i)perylene	1	NA	0.57	µg/L	#	J
1503	Initial Analysis	Benzo(k)fluoranthene	1	NA	0.38	µg/L	#	J
1504	Initial Analysis	Chrysene	1	NA	1.6	µg/L	#	J
1505	Initial Analysis	Dibenzo(a,h)anthracene	1	NA	0.16	µg/L	#	J
1506	Initial Analysis	Dibenzofuran	1	NA	0.11	µg/L	#	J
1507	Initial Analysis	Fluoranthene	1	NA	2.5	µg/L	#	J
1508	Initial Analysis	Fluorene	1	NA	0.23	µg/L	#	J
1509	Initial Analysis	Indeno(1,2,3-cd)pyrene	1	NA	0.58	µg/L	#	J
1510	Initial Analysis	Naphthalene	1	NA	0.16	µg/L	#	UJ
1511	Initial Analysis	Phenanthrene	1	NA	0.87	µg/L	#	J
1512	Initial Analysis	Pyrene	1	NA	2.4	µg/L	#	J
1513	Initial Analysis	Arsenic	1	Dissolved	0.82	µg/L	#	
1514	Initial Analysis	Aluminum	1	Dissolved	156	µg/L	#	J
1515	Initial Analysis	Antimony	1	Dissolved	3.36	µg/L	#	
1516	Initial Analysis	Cadmium	1	Dissolved	0.242	µg/L	#	
1517	Initial Analysis	Chromium	1	Dissolved	3.18	µg/L	#	
1518	Initial Analysis	Copper	1	Dissolved	12.1	µg/L	#	
1519	Initial Analysis	Lead	1	Dissolved	6.59	µg/L	#	J
1520	Initial Analysis	Nickel	1	Dissolved	5.31	µg/L	#	
1521	Initial Analysis	Selenium	1	Dissolved	0.4	µg/L	#	J
1522	Initial Analysis	Silver	1	Dissolved	0.017	µg/L	#	U
1523	Initial Analysis	Zinc	1	Dissolved	35.3	µg/L	#	
1524	Initial Analysis	Mercury	1	Dissolved	0.03	µg/L	#	U
1525	Initial Analysis	Total Suspended Solids	1	NA	64	mg/L	#	
1526	Initial Analysis	PCB-001	1	NA	3050	pg/L	#	
1527	Initial Analysis	PCB-002	1	NA	793	pg/L	#	
1528	Initial Analysis	PCB-003	1	NA	3780	pg/L	#	
1529	Initial Analysis	PCB-004/010	1	NA	27700	pg/L	#	
1530	Initial Analysis	PCB-005/008	1	NA	66200	pg/L	#	

	X	Y	Z	AA
1486			Y	N
1487			Y	N
1488			Y	N
1489			Y	N
1490			Y	N
1491			Y	N
1492			Y	N
1493			Y	N
1494			Y	N
1495			Y	N
1496			Y	N
1497			Y	N
1498			Y	N
1499			Y	N
1500			Y	N
1501			Y	N
1502			Y	N
1503			Y	N
1504			Y	N
1505			Y	N
1506			Y	N
1507			Y	N
1508			Y	N
1509			Y	N
1510			N	N
1511			Y	N
1512			Y	N
1513			Y	N
1514			Y	N
1515			Y	N
1516			Y	N
1517			Y	N
1518			Y	N
1519			Y	N
1520			Y	N
1521			Y	N
1522			N	N
1523			Y	N
1524			N	N
1525			Y	N
1526			Y	N
1527			Y	N
1528			Y	N
1529			Y	N
1530			Y	N

	A	B	C	D	E	F	G
1531	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1532	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1533	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1534	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1535	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1536	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1537	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1538	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1539	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1540	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1541	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1542	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1543	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1544	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1545	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1546	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1547	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1548	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1549	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1550	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1551	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1552	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1553	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1554	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1555	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1556	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1557	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1558	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1559	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1560	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1561	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1562	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1563	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1564	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1565	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1566	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1567	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1568	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1569	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1570	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1571	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1572	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1573	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1574	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1575	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384

	H	I	J	K	L	M	N	O
1531	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1532	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1533	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1534	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1535	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1536	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1537	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1538	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1539	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1540	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1541	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1542	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1543	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1544	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1545	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1546	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1547	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1548	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1549	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1550	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1551	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1552	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1553	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1554	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1555	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1556	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1557	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1558	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1559	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1560	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1561	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1562	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1563	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1564	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1565	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1566	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1567	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1568	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1569	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1570	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1571	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1572	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1573	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1574	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1575	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007

	P	Q	R	S	T	U	V	W
1531	Initial Analysis	PCB-006	1	NA	13400	pg/L	#	
1532	Initial Analysis	PCB-007/009	1	NA	7270	pg/L	#	
1533	Initial Analysis	PCB-011	1	NA	2070	pg/L	#	
1534	Initial Analysis	PCB-012/013	1	NA	10600	pg/L	#	
1535	Initial Analysis	PCB-014	1	NA	58.8	pg/L	#	U
1536	Initial Analysis	PCB-015	1	NA	78900	pg/L	#	
1537	Initial Analysis	PCB-016/032	1	NA	118000	pg/L	#	
1538	Initial Analysis	PCB-017	1	NA	68800	pg/L	#	
1539	Initial Analysis	PCB-018	1	NA	171000	pg/L	#	
1540	Initial Analysis	PCB-019	1	NA	16100	pg/L	#	
1541	Initial Analysis	PCB-020/021/033	1	NA	189000	pg/L	#	
1542	Initial Analysis	PCB-022	1	NA	118000	pg/L	#	
1543	Initial Analysis	PCB-023	1	NA	362	pg/L	#	
1544	Initial Analysis	PCB-024/027	1	NA	14500	pg/L	#	
1545	Initial Analysis	PCB-025	1	NA	25100	pg/L	#	
1546	Initial Analysis	PCB-026	1	NA	49500	pg/L	#	
1547	Initial Analysis	PCB-028	1	NA	242000	pg/L	#	
1548	Initial Analysis	PCB-029	1	NA	2540	pg/L	#	
1549	Initial Analysis	PCB-030	1	NA	96.9	pg/L	#	
1550	Initial Analysis	PCB-031	1	NA	292000	pg/L	#	
1551	Initial Analysis	PCB-034	1	NA	1090	pg/L	#	
1552	Initial Analysis	PCB-035	1	NA	3370	pg/L	#	
1553	Initial Analysis	PCB-036	1	NA	56.8	pg/L	#	
1554	Initial Analysis	PCB-037	1	NA	55200	pg/L	#	
1555	Initial Analysis	PCB-038	1	NA	717	pg/L	#	
1556	Initial Analysis	PCB-039	1	NA	100	pg/L	#	
1557	Initial Analysis	PCB-040	1	NA	37600	pg/L	#	
1558	Initial Analysis	PCB-041/064/071/072	1	NA	186000	pg/L	#	
1559	Initial Analysis	PCB-042/059	1	NA	70900	pg/L	#	
1560	Initial Analysis	PCB-043/049	1	NA	148000	pg/L	#	
1561	Initial Analysis	PCB-044	1	NA	219000	pg/L	#	
1562	Initial Analysis	PCB-045	1	NA	37900	pg/L	#	
1563	Initial Analysis	PCB-046	1	NA	16200	pg/L	#	
1564	Initial Analysis	PCB-047	1	NA	55200	pg/L	#	
1565	Initial Analysis	PCB-048/075	1	NA	43000	pg/L	#	
1566	Initial Analysis	PCB-050	1	NA	588	pg/L	#	
1567	Initial Analysis	PCB-051	1	NA	10700	pg/L	#	
1568	Initial Analysis	PCB-052/069	1	NA	245000	pg/L	#	
1569	Initial Analysis	PCB-053	1	NA	31000	pg/L	#	
1570	Initial Analysis	PCB-054	1	NA	454	pg/L	#	
1571	Initial Analysis	PCB-055	1	NA	2490	pg/L	#	
1572	Initial Analysis	PCB-056/060	1	NA	71600	pg/L	#	
1573	Initial Analysis	PCB-057	1	NA	803	pg/L	#	
1574	Initial Analysis	PCB-058	1	NA	284	pg/L	#	
1575	Initial Analysis	PCB-061/070	1	NA	163000	pg/L	#	

	X	Y	Z	AA
1531			Y	N
1532			Y	N
1533			Y	N
1534			Y	N
1535			N	N
1536			Y	N
1537			Y	N
1538			Y	N
1539			Y	N
1540			Y	N
1541			Y	N
1542			Y	N
1543			Y	N
1544			Y	N
1545			Y	N
1546			Y	N
1547			Y	N
1548			Y	N
1549			Y	N
1550			Y	N
1551			Y	N
1552			Y	N
1553			Y	N
1554			Y	N
1555			Y	N
1556			Y	N
1557			Y	N
1558			Y	N
1559			Y	N
1560			Y	N
1561			Y	N
1562			Y	N
1563			Y	N
1564			Y	N
1565			Y	N
1566			Y	N
1567			Y	N
1568			Y	N
1569			Y	N
1570			Y	N
1571			Y	N
1572			Y	N
1573			Y	N
1574			Y	N
1575			Y	N

	A	B	C	D	E	F	G
1576	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1577	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1578	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1579	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1580	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1581	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1582	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1583	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1584	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1585	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1586	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1587	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1588	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1589	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1590	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1591	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1592	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1593	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1594	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1595	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1596	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1597	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1598	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1599	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1600	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1601	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1602	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1603	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1604	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1605	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1606	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1607	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1608	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1609	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1610	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1611	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1612	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1613	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1614	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1615	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1616	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1617	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1618	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1619	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1620	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384

	H	I	J	K	L	M	N	O
1576	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1577	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1578	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1579	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1580	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1581	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1582	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1583	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1584	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1585	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1586	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1587	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1588	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1589	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1590	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1591	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1592	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1593	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1594	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1595	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1596	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1597	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1598	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1599	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1600	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1601	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1602	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1603	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1604	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1605	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1606	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1607	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1608	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1609	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1610	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1611	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1612	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1613	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1614	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1615	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1616	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1617	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1618	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1619	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1620	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007

	P	Q	R	S	T	U	V	W
1576	Initial Analysis	PCB-062	1	NA	29.4	pg/L	#	U
1577	Initial Analysis	PCB-063	1	NA	4720	pg/L	#	
1578	Initial Analysis	PCB-065	1	NA	29.4	pg/L	#	U
1579	Initial Analysis	PCB-066/076	1	NA	105000	pg/L	#	
1580	Initial Analysis	PCB-067	1	NA	5290	pg/L	#	
1581	Initial Analysis	PCB-068	1	NA	408	pg/L	#	
1582	Initial Analysis	PCB-073	1	NA	29.4	pg/L	#	U
1583	Initial Analysis	PCB-074	1	NA	60800	pg/L	#	
1584	Initial Analysis	PCB-077	1	NA	9760	pg/L	#	
1585	Initial Analysis	PCB-078	1	NA	390	pg/L	#	
1586	Initial Analysis	PCB-079	1	NA	1450	pg/L	#	
1587	Initial Analysis	PCB-080	1	NA	29.4	pg/L	#	U
1588	Initial Analysis	PCB-081	1	NA	1340	pg/L	#	
1589	Initial Analysis	PCB-082	1	NA	28700	pg/L	#	
1590	Initial Analysis	PCB-083	1	NA	29.4	pg/L	#	U
1591	Initial Analysis	PCB-084/092	1	NA	93800	pg/L	#	
1592	Initial Analysis	PCB-085/116	1	NA	28000	pg/L	#	
1593	Initial Analysis	PCB-086	1	NA	2140	pg/L	#	
1594	Initial Analysis	PCB-087/117/125	1	NA	88900	pg/L	#	
1595	Initial Analysis	PCB-088/091	1	NA	27400	pg/L	#	
1596	Initial Analysis	PCB-089	1	NA	2160	pg/L	#	
1597	Initial Analysis	PCB-090/101	1	NA	219000	pg/L	#	
1598	Initial Analysis	PCB-093	1	NA	29.4	pg/L	#	U
1599	Initial Analysis	PCB-094	1	NA	1110	pg/L	#	
1600	Initial Analysis	PCB-095/098/102	1	NA	181000	pg/L	#	
1601	Initial Analysis	PCB-096	1	NA	1990	pg/L	#	
1602	Initial Analysis	PCB-097	1	NA	64500	pg/L	#	
1603	Initial Analysis	PCB-099	1	NA	77300	pg/L	#	
1604	Initial Analysis	PCB-100	1	NA	414	pg/L	#	
1605	Initial Analysis	PCB-103	1	NA	909	pg/L	#	
1606	Initial Analysis	PCB-104	1	NA	29.4	pg/L	#	U
1607	Initial Analysis	PCB-105	1	NA	79800	pg/L	#	
1608	Initial Analysis	PCB-106/118	1	NA	192000	pg/L	#	
1609	Initial Analysis	PCB-107/109	1	NA	11100	pg/L	#	
1610	Initial Analysis	PCB-108/112	1	NA	8940	pg/L	#	
1611	Initial Analysis	PCB-110	1	NA	228000	pg/L	#	
1612	Initial Analysis	PCB-111/115	1	NA	6210	pg/L	#	
1613	Initial Analysis	PCB-113	1	NA	5090	pg/L	#	
1614	Initial Analysis	PCB-114	1	NA	5120	pg/L	#	
1615	Initial Analysis	PCB-119	1	NA	2550	pg/L	#	
1616	Initial Analysis	PCB-120	1	NA	186	pg/L	#	
1617	Initial Analysis	PCB-121	1	NA	29.4	pg/L	#	U
1618	Initial Analysis	PCB-122	1	NA	2520	pg/L	#	
1619	Initial Analysis	PCB-123	1	NA	3140	pg/L	#	
1620	Initial Analysis	PCB-124	1	NA	8870	pg/L	#	

	X	Y	Z	AA
1576			N	N
1577			Y	N
1578			N	N
1579			Y	N
1580			Y	N
1581			Y	N
1582			N	N
1583			Y	N
1584			Y	N
1585			Y	N
1586			Y	N
1587			N	N
1588			Y	N
1589			Y	N
1590			N	N
1591			Y	N
1592			Y	N
1593			Y	N
1594			Y	N
1595			Y	N
1596			Y	N
1597			Y	N
1598			N	N
1599			Y	N
1600			Y	N
1601			Y	N
1602			Y	N
1603			Y	N
1604			Y	N
1605			Y	N
1606			N	N
1607			Y	N
1608			Y	N
1609			Y	N
1610			Y	N
1611			Y	N
1612			Y	N
1613			Y	N
1614			Y	N
1615			Y	N
1616			Y	N
1617			N	N
1618			Y	N
1619			Y	N
1620			Y	N

	A	B	C	D	E	F	G
1621	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1622	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1623	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1624	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1625	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1626	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1627	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1628	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1629	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1630	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1631	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1632	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1633	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1634	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1635	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1636	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1637	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1638	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1639	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1640	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1641	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1642	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1643	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1644	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1645	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1646	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1647	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1648	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1649	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1650	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1651	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1652	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1653	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1654	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1655	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1656	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1657	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1658	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1659	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1660	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1661	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1662	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1663	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1664	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1665	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384

	H	I	J	K	L	M	N	O
1621	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1622	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1623	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1624	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1625	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1626	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1627	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1628	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1629	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1630	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1631	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1632	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1633	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1634	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1635	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1636	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1637	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1638	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1639	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1640	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1641	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1642	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1643	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1644	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1645	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1646	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1647	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1648	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1649	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1650	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1651	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1652	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1653	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1654	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1655	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1656	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1657	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1658	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1659	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1660	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1661	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1662	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1663	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1664	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1665	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007

	P	Q	R	S	T	U	V	W
1621	Initial Analysis	PCB-126	1	NA	964	pg/L	#	
1622	Initial Analysis	PCB-127	1	NA	29.4	pg/L	#	U
1623	Initial Analysis	PCB-128/162	1	NA	40400	pg/L	#	
1624	Initial Analysis	PCB-129	1	NA	11700	pg/L	#	
1625	Initial Analysis	PCB-130	1	NA	12300	pg/L	#	
1626	Initial Analysis	PCB-131	1	NA	29.4	pg/L	#	U
1627	Initial Analysis	PCB-132/161	1	NA	73000	pg/L	#	
1628	Initial Analysis	PCB-133/142	1	NA	6890	pg/L	#	
1629	Initial Analysis	PCB-134/143	1	NA	13900	pg/L	#	
1630	Initial Analysis	PCB-135	1	NA	21600	pg/L	#	
1631	Initial Analysis	PCB-136	1	NA	24400	pg/L	#	
1632	Initial Analysis	PCB-137	1	NA	13500	pg/L	#	
1633	Initial Analysis	PCB-138/163/164	1	NA	214000	pg/L	#	
1634	Initial Analysis	PCB-139/149	1	NA	126000	pg/L	#	
1635	Initial Analysis	PCB-140	1	NA	510	pg/L	#	
1636	Initial Analysis	PCB-141	1	NA	41400	pg/L	#	
1637	Initial Analysis	PCB-144	1	NA	7820	pg/L	#	
1638	Initial Analysis	PCB-145	1	NA	76.3	pg/L	#	
1639	Initial Analysis	PCB-146/165	1	NA	26500	pg/L	#	
1640	Initial Analysis	PCB-147	1	NA	2910	pg/L	#	
1641	Initial Analysis	PCB-148	1	NA	121	pg/L	#	
1642	Initial Analysis	PCB-150	1	NA	198	pg/L	#	
1643	Initial Analysis	PCB-151	1	NA	32300	pg/L	#	
1644	Initial Analysis	PCB-152	1	NA	191	pg/L	#	
1645	Initial Analysis	PCB-153	1	NA	183000	pg/L	#	
1646	Initial Analysis	PCB-154	1	NA	1300	pg/L	#	
1647	Initial Analysis	PCB-155	1	NA	29.4	pg/L	#	U
1648	Initial Analysis	PCB-156	1	NA	24200	pg/L	#	
1649	Initial Analysis	PCB-157	1	NA	5450	pg/L	#	
1650	Initial Analysis	PCB-158/160	1	NA	23600	pg/L	#	
1651	Initial Analysis	PCB-159	1	NA	29.4	pg/L	#	U
1652	Initial Analysis	PCB-166	1	NA	988	pg/L	#	
1653	Initial Analysis	PCB-167	1	NA	9260	pg/L	#	
1654	Initial Analysis	PCB-168	1	NA	29.4	pg/L	#	U
1655	Initial Analysis	PCB-169	1	NA	22.7	pg/L	#	U
1656	Initial Analysis	PCB-170	1	NA	44100	pg/L	#	
1657	Initial Analysis	PCB-171	1	NA	12100	pg/L	#	
1658	Initial Analysis	PCB-172	1	NA	7270	pg/L	#	
1659	Initial Analysis	PCB-173	1	NA	1060	pg/L	#	
1660	Initial Analysis	PCB-174	1	NA	52800	pg/L	#	
1661	Initial Analysis	PCB-175	1	NA	1510	pg/L	#	
1662	Initial Analysis	PCB-176	1	NA	5580	pg/L	#	
1663	Initial Analysis	PCB-177	1	NA	27200	pg/L	#	
1664	Initial Analysis	PCB-178	1	NA	7970	pg/L	#	
1665	Initial Analysis	PCB-179	1	NA	20500	pg/L	#	

	X	Y	Z	AA
1621			Y	N
1622			N	N
1623			Y	N
1624			Y	N
1625			Y	N
1626			N	N
1627			Y	N
1628			Y	N
1629			Y	N
1630			Y	N
1631			Y	N
1632			Y	N
1633			Y	N
1634			Y	N
1635			Y	N
1636			Y	N
1637			Y	N
1638			Y	N
1639			Y	N
1640			Y	N
1641			Y	N
1642			Y	N
1643			Y	N
1644			Y	N
1645			Y	N
1646			Y	N
1647			N	N
1648			Y	N
1649			Y	N
1650			Y	N
1651			N	N
1652			Y	N
1653			Y	N
1654			N	N
1655			N	N
1656			Y	N
1657			Y	N
1658			Y	N
1659			Y	N
1660			Y	N
1661			Y	N
1662			Y	N
1663			Y	N
1664			Y	N
1665			Y	N

	A	B	C	D	E	F	G
1666	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1667	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1668	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1669	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1670	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1671	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1672	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1673	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1674	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1675	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1676	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1677	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1678	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1679	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1680	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1681	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1682	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1683	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1684	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1685	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1686	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1687	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1688	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1689	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1690	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1691	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1692	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1693	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1694	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1695	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1696	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1697	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1698	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1699	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1700	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1701	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1702	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1703	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1704	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1705	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1706	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1707	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1708	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1709	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1710	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384

	H	I	J	K	L	M	N	O
1666	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1667	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1668	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1669	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1670	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1671	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1672	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1673	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1674	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1675	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1676	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1677	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1678	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1679	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1680	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1681	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1682	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1683	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1684	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1685	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1686	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1687	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1688	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1689	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1690	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1691	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1692	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1693	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1694	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/15/2007
1695	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/27/2007
1696	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	4/27/2007
1697	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1698	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1699	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1700	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1701	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1702	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1703	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1704	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1705	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1706	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1707	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	5/21/2007
1708	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/14/2007
1709	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1710	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007

	P	Q	R	S	T	U	V	W
1666	Initial Analysis	PCB-180	1	NA	119000	pg/L	#	
1667	Initial Analysis	PCB-181	1	NA	1650	pg/L	#	
1668	Initial Analysis	PCB-182/187	1	NA	56600	pg/L	#	
1669	Initial Analysis	PCB-183	1	NA	23800	pg/L	#	
1670	Initial Analysis	PCB-184	1	NA	37.5	pg/L	#	
1671	Initial Analysis	PCB-185	1	NA	6310	pg/L	#	
1672	Initial Analysis	PCB-186	1	NA	29.4	pg/L	#	U
1673	Initial Analysis	PCB-188	1	NA	51.9	pg/L	#	
1674	Initial Analysis	PCB-189	1	NA	1580	pg/L	#	
1675	Initial Analysis	PCB-190	1	NA	7750	pg/L	#	
1676	Initial Analysis	PCB-191	1	NA	1630	pg/L	#	
1677	Initial Analysis	PCB-192	1	NA	29.4	pg/L	#	U
1678	Initial Analysis	PCB-193	1	NA	3830	pg/L	#	
1679	Initial Analysis	PCB-194	1	NA	35200	pg/L	#	
1680	Initial Analysis	PCB-195	1	NA	13600	pg/L	#	
1681	Initial Analysis	PCB-196/203	1	NA	35600	pg/L	#	
1682	Initial Analysis	PCB-197	1	NA	1070	pg/L	#	
1683	Initial Analysis	PCB-198	1	NA	5310	pg/L	#	
1684	Initial Analysis	PCB-199	1	NA	32000	pg/L	#	
1685	Initial Analysis	PCB-200	1	NA	4600	pg/L	#	
1686	Initial Analysis	PCB-201	1	NA	29.4	pg/L	#	U
1687	Initial Analysis	PCB-202	1	NA	8680	pg/L	#	
1688	Initial Analysis	PCB-204	1	NA	5110	pg/L	#	
1689	Initial Analysis	PCB-205	1	NA	1330	pg/L	#	
1690	Initial Analysis	PCB-206	1	NA	27100	pg/L	#	
1691	Initial Analysis	PCB-207	1	NA	2540	pg/L	#	
1692	Initial Analysis	PCB-208	1	NA	5280	pg/L	#	
1693	Initial Analysis	PCB-209	1	NA	3550	pg/L	#	
1694	Initial Analysis	PCBs (total)	1	NA	5.98	µg/L	#	
1695	Initial Analysis	Dissolved Organic Carbon	1	NA	36.3	mg/L	#	
1696	Initial Analysis	Total Organic Carbon	1	NA	42.3	mg/L	#	
1697	Initial Analysis	Arsenic	1	Total	2.88	µg/L	#	
1698	Initial Analysis	Antimony	1	Total	7.76	µg/L	#	
1699	Initial Analysis	Cadmium	1	Total	4.63	µg/L	#	
1700	Initial Analysis	Chromium	1	Total	69.2	µg/L	#	
1701	Initial Analysis	Copper	1	Total	230	µg/L	#	
1702	Initial Analysis	Nickel	1	Total	37.8	µg/L	#	
1703	Initial Analysis	Selenium	1	Total	0.7	µg/L	#	J
1704	Initial Analysis	Silver	1	Total	0.425	µg/L	#	
1705	Initial Analysis	Aluminum	1	Total	5410	µg/L	#	
1706	Initial Analysis	Lead	1	Total	635	µg/L	#	J
1707	Initial Analysis	Zinc	1	Total	1910	µg/L	#	J
1708	Initial Analysis	Mercury	1	Total	1.02	µg/L	#	
1709	Initial Analysis	2-Methylnaphthalene	1	NA	0.071	µg/L	#	U
1710	Initial Analysis	, Acenaphthene	1	NA	0.1	µg/L	#	

	X	Y	Z	AA
1666			Y	N
1667			Y	N
1668			Y	N
1669			Y	N
1670			Y	N
1671			Y	N
1672			N	N
1673			Y	N
1674			Y	N
1675			Y	N
1676			Y	N
1677			N	N
1678			Y	N
1679			Y	N
1680			Y	N
1681			Y	N
1682			Y	N
1683			Y	N
1684			Y	N
1685			Y	N
1686			N	N
1687			Y	N
1688			Y	N
1689			Y	N
1690			Y	N
1691			Y	N
1692			Y	N
1693			Y	N
1694			Y	Y
1695			Y	N
1696			Y	N
1697			Y	N
1698			Y	N
1699			Y	N
1700			Y	N
1701			Y	N
1702			Y	N
1703			Y	N
1704			Y	N
1705			Y	N
1706			Y	N
1707			Y	N
1708			Y	N
1709			N	N
1710			Y	N

	A	B	C	D	E	F	G
1711	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1712	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1713	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1714	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1715	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1716	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1717	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1718	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1719	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1720	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1721	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1722	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1723	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1724	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1725	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW30-WR384
1726	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1727	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1728	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1729	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1730	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1731	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1732	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1733	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1734	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1735	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1736	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1737	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1738	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1739	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1740	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1741	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1742	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1743	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1744	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1745	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1746	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1747	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1748	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1749	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1750	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1751	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1752	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1753	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1754	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1755	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384

	H	I	J	K	L	M	N	O
1711	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1712	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1713	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1714	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1715	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1716	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1717	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1718	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1719	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1720	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1721	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1722	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1723	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1724	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1725	Composite	4/23/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8270-SIM	5/2/2007
1726	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	5/8/2007
1727	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1728	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1729	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1730	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1731	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1732	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1733	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1734	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1735	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1736	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1737	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1738	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1739	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1740	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1741	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1742	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1743	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1744	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1745	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1746	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1747	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1748	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1749	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1750	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1751	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1752	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1753	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1754	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1755	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007

	P	Q	R	S	T	U	V	W
1711	Initial Analysis	Acenaphthylene	1	NA	0.034	µg/L	#	
1712	Initial Analysis	Anthracene	1	NA	0.28	µg/L	#	J
1713	Initial Analysis	Benzo(a)anthracene	1	NA	2	µg/L	#	
1714	Initial Analysis	Benzo(a)pyrene	1	NA	1.4	µg/L	#	J
1715	Initial Analysis	Benzo(b)fluoranthene	1	NA	4.1	µg/L	#	
1716	Initial Analysis	Benzo(g,h,i)perylene	1	NA	1.9	µg/L	#	
1717	Initial Analysis	Benzo(k)fluoranthene	1	NA	1.1	µg/L	#	
1718	Initial Analysis	Chrysene	1	NA	4.8	µg/L	#	
1719	Initial Analysis	Dibenzo(a,h)anthracene	1	NA	0.55	µg/L	#	
1720	Initial Analysis	Fluoranthene	1	NA	5.2	µg/L	#	
1721	Initial Analysis	Fluorene	1	NA	0.11	µg/L	#	
1722	Initial Analysis	Indeno(1,2,3-cd)pyrene	1	NA	2.1	µg/L	#	
1723	Initial Analysis	Naphthalene	1	NA	0.1	µg/L	#	U
1724	Initial Analysis	Phenanthrene	1	NA	0.88	µg/L	#	
1725	Initial Analysis	Pyrene	1	NA	5.8	µg/L	#	
1726	Initial Analysis	Total Suspended Solids	1	NA	167	mg/L	#	
1727	Initial Analysis	PCB-001	1	NA	790	pg/L	#	
1728	Initial Analysis	PCB-002	1	NA	219	pg/L	#	
1729	Initial Analysis	PCB-003	1	NA	965	pg/L	#	
1730	Initial Analysis	PCB-004/010	1	NA	12400	pg/L	#	
1731	Initial Analysis	PCB-005/008	1	NA	9140	pg/L	#	
1732	Initial Analysis	PCB-006	1	NA	2130	pg/L	#	
1733	Initial Analysis	PCB-007/009	1	NA	862	pg/L	#	
1734	Initial Analysis	PCB-011	1	NA	595	pg/L	#	
1735	Initial Analysis	PCB-012/013	1	NA	3270	pg/L	#	
1736	Initial Analysis	PCB-014	1	NA	48.8	pg/L	#	U
1737	Initial Analysis	PCB-015	1	NA	37300	pg/L	#	
1738	Initial Analysis	PCB-016/032	1	NA	62100	pg/L	#	
1739	Initial Analysis	PCB-017	1	NA	35100	pg/L	#	
1740	Initial Analysis	PCB-018	1	NA	88800	pg/L	#	
1741	Initial Analysis	PCB-019	1	NA	8160	pg/L	#	
1742	Initial Analysis	PCB-020/021/033	1	NA	62700	pg/L	#	
1743	Initial Analysis	PCB-022	1	NA	44700	pg/L	#	
1744	Initial Analysis	PCB-023	1	NA	110	pg/L	#	
1745	Initial Analysis	PCB-024/027	1	NA	7480	pg/L	#	
1746	Initial Analysis	PCB-025	1	NA	10500	pg/L	#	
1747	Initial Analysis	PCB-026	1	NA	20300	pg/L	#	
1748	Initial Analysis	PCB-028	1	NA	110000	pg/L	#	
1749	Initial Analysis	PCB-029	1	NA	940	pg/L	#	
1750	Initial Analysis	PCB-030	1	NA	49.5	pg/L	#	
1751	Initial Analysis	PCB-031	1	NA	113000	pg/L	#	
1752	Initial Analysis	PCB-034	1	NA	416	pg/L	#	
1753	Initial Analysis	PCB-035	1	NA	1970	pg/L	#	
1754	Initial Analysis	PCB-036	1	NA	24.4	pg/L	#	U
1755	Initial Analysis	PCB-037	1	NA	34100	pg/L	#	

	X	Y	Z	AA
1711			Y	N
1712			Y	N
1713			Y	N
1714			Y	N
1715			Y	N
1716			Y	N
1717			Y	N
1718			Y	N
1719			Y	N
1720			Y	N
1721			Y	N
1722			Y	N
1723			N	N
1724			Y	N
1725			Y	N
1726			Y	N
1727			Y	N
1728			Y	N
1729			Y	N
1730			Y	N
1731			Y	N
1732			Y	N
1733			Y	N
1734			Y	N
1735			Y	N
1736			N	N
1737			Y	N
1738			Y	N
1739			Y	N
1740			Y	N
1741			Y	N
1742			Y	N
1743			Y	N
1744			Y	N
1745			Y	N
1746			Y	N
1747			Y	N
1748			Y	N
1749			Y	N
1750			Y	N
1751			Y	N
1752			Y	N
1753			Y	N
1754			N	N
1755			Y	N

	A	B	C	D	E	F	G
1756	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1757	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1758	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1759	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1760	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1761	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1762	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1763	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1764	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1765	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1766	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1767	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1768	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1769	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1770	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1771	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1772	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1773	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1774	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1775	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1776	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1777	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1778	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1779	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1780	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1781	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1782	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1783	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1784	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1785	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1786	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1787	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1788	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1789	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1790	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1791	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1792	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1793	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1794	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1795	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1796	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1797	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1798	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1799	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1800	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384

	H	I	J	K	L	M	N	O
1756	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1757	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1758	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1759	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1760	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1761	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1762	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1763	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1764	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1765	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1766	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1767	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1768	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1769	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1770	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1771	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1772	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1773	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1774	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1775	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1776	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1777	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1778	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1779	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1780	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1781	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1782	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1783	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1784	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1785	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1786	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1787	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1788	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1789	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1790	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1791	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1792	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1793	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1794	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1795	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1796	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1797	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1798	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1799	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1800	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007

	P	Q	R	S	T	U	V	W
1756	Initial Analysis	PCB-038	1	NA	439	pg/L	#	
1757	Initial Analysis	PCB-039	1	NA	56	pg/L	#	
1758	Initial Analysis	PCB-040	1	NA	18800	pg/L	#	
1759	Initial Analysis	PCB-041/064/071/072	1	NA	87500	pg/L	#	
1760	Initial Analysis	PCB-042/059	1	NA	34400	pg/L	#	
1761	Initial Analysis	PCB-043/049	1	NA	67500	pg/L	#	
1762	Initial Analysis	PCB-044	1	NA	104000	pg/L	#	
1763	Initial Analysis	PCB-045	1	NA	17000	pg/L	#	
1764	Initial Analysis	PCB-046	1	NA	7610	pg/L	#	
1765	Initial Analysis	PCB-047	1	NA	21300	pg/L	#	
1766	Initial Analysis	PCB-048/075	1	NA	23300	pg/L	#	
1767	Initial Analysis	PCB-050	1	NA	267	pg/L	#	
1768	Initial Analysis	PCB-051	1	NA	4800	pg/L	#	
1769	Initial Analysis	PCB-052/069	1	NA	106000	pg/L	#	
1770	Initial Analysis	PCB-053	1	NA	13900	pg/L	#	
1771	Initial Analysis	PCB-054	1	NA	213	pg/L	#	
1772	Initial Analysis	PCB-055	1	NA	1530	pg/L	#	
1773	Initial Analysis	PCB-056/060	1	NA	41200	pg/L	#	
1774	Initial Analysis	PCB-057	1	NA	456	pg/L	#	
1775	Initial Analysis	PCB-058	1	NA	143	pg/L	#	
1776	Initial Analysis	PCB-061/070	1	NA	80700	pg/L	#	
1777	Initial Analysis	PCB-062	1	NA	51.8	pg/L	#	
1778	Initial Analysis	PCB-063	1	NA	2340	pg/L	#	
1779	Initial Analysis	PCB-065	1	NA	59.2	pg/L	#	
1780	Initial Analysis	PCB-066/076	1	NA	52300	pg/L	#	
1781	Initial Analysis	PCB-067	1	NA	2850	pg/L	#	
1782	Initial Analysis	PCB-068	1	NA	214	pg/L	#	
1783	Initial Analysis	PCB-073	1	NA	1150	pg/L	#	
1784	Initial Analysis	PCB-074	1	NA	30500	pg/L	#	
1785	Initial Analysis	PCB-077	1	NA	5650	pg/L	#	
1786	Initial Analysis	PCB-078	1	NA	271	pg/L	#	
1787	Initial Analysis	PCB-079	1	NA	1010	pg/L	#	
1788	Initial Analysis	PCB-080	1	NA	24.4	pg/L	#	U
1789	Initial Analysis	PCB-081	1	NA	133	pg/L	#	
1790	Initial Analysis	PCB-082	1	NA	14800	pg/L	#	
1791	Initial Analysis	PCB-083	1	NA	47.4	pg/L	#	
1792	Initial Analysis	PCB-084/092	1	NA	46600	pg/L	#	
1793	Initial Analysis	PCB-085/116	1	NA	17000	pg/L	#	
1794	Initial Analysis	PCB-086	1	NA	741	pg/L	#	
1795	Initial Analysis	PCB-087/117/125	1	NA	45600	pg/L	#	
1796	Initial Analysis	PCB-088/091	1	NA	13800	pg/L	#	
1797	Initial Analysis	PCB-089	1	NA	1420	pg/L	#	
1798	Initial Analysis	PCB-090/101	1	NA	107000	pg/L	#	
1799	Initial Analysis	PCB-093	1	NA	24.4	pg/L	#	U
1800	Initial Analysis	PCB-094	1	NA	546	pg/L	#	

	X	Y	Z	AA
1756			Y	N
1757			Y	N
1758			Y	N
1759			Y	N
1760			Y	N
1761			Y	N
1762			Y	N
1763			Y	N
1764			Y	N
1765			Y	N
1766			Y	N
1767			Y	N
1768			Y	N
1769			Y	N
1770			Y	N
1771			Y	N
1772			Y	N
1773			Y	N
1774			Y	N
1775			Y	N
1776			Y	N
1777			Y	N
1778			Y	N
1779			Y	N
1780			Y	N
1781			Y	N
1782			Y	N
1783			Y	N
1784			Y	N
1785			Y	N
1786			Y	N
1787			Y	N
1788			N	N
1789			Y	N
1790			Y	N
1791			Y	N
1792			Y	N
1793			Y	N
1794			Y	N
1795			Y	N
1796			Y	N
1797			Y	N
1798			Y	N
1799			N	N
1800			Y	N

	A	B	C	D	E	F	G
1801	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1802	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1803	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1804	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1805	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1806	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1807	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1808	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1809	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1810	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1811	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1812	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1813	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1814	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1815	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1816	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1817	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1818	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1819	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1820	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1821	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1822	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1823	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1824	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1825	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1826	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1827	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1828	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1829	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1830	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1831	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1832	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1833	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1834	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1835	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1836	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1837	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1838	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1839	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1840	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1841	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1842	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1843	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1844	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1845	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384

	H	I	J	K	L	M	N	O
1801	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1802	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1803	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1804	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1805	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1806	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1807	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1808	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1809	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1810	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1811	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1812	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1813	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1814	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1815	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1816	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1817	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1818	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1819	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1820	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1821	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1822	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1823	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1824	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1825	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1826	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1827	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1828	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1829	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1830	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1831	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1832	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1833	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1834	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1835	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1836	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1837	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1838	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1839	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1840	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1841	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1842	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1843	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1844	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1845	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007

	P	Q	R	S	T	U	V	W
1801	Initial Analysis	PCB-095/098/102	1	NA	85600	pg/L	#	
1802	Initial Analysis	PCB-096	1	NA	1040	pg/L	#	
1803	Initial Analysis	PCB-097	1	NA	33400	pg/L	#	
1804	Initial Analysis	PCB-099	1	NA	41100	pg/L	#	
1805	Initial Analysis	PCB-100	1	NA	222	pg/L	#	
1806	Initial Analysis	PCB-103	1	NA	499	pg/L	#	
1807	Initial Analysis	PCB-104	1	NA	24.4	pg/L	#	U
1808	Initial Analysis	PCB-105	1	NA	40000	pg/L	#	
1809	Initial Analysis	PCB-106/118	1	NA	89400	pg/L	#	
1810	Initial Analysis	PCB-107/109	1	NA	6050	pg/L	#	
1811	Initial Analysis	PCB-108/112	1	NA	4730	pg/L	#	
1812	Initial Analysis	PCB-110	1	NA	123000	pg/L	#	
1813	Initial Analysis	PCB-111/115	1	NA	2530	pg/L	#	
1814	Initial Analysis	PCB-113	1	NA	368	pg/L	#	
1815	Initial Analysis	PCB-114	1	NA	2470	pg/L	#	
1816	Initial Analysis	PCB-119	1	NA	1350	pg/L	#	
1817	Initial Analysis	PCB-120	1	NA	124	pg/L	#	
1818	Initial Analysis	PCB-121	1	NA	24.4	pg/L	#	U
1819	Initial Analysis	PCB-122	1	NA	1290	pg/L	#	
1820	Initial Analysis	PCB-123	1	NA	1530	pg/L	#	
1821	Initial Analysis	PCB-124	1	NA	4220	pg/L	#	
1822	Initial Analysis	PCB-126	1	NA	568	pg/L	#	
1823	Initial Analysis	PCB-127	1	NA	24.4	pg/L	#	U
1824	Initial Analysis	PCB-128/162	1	NA	19800	pg/L	#	
1825	Initial Analysis	PCB-129	1	NA	5890	pg/L	#	
1826	Initial Analysis	PCB-130	1	NA	6630	pg/L	#	
1827	Initial Analysis	PCB-131	1	NA	24.4	pg/L	#	U
1828	Initial Analysis	PCB-132/161	1	NA	34200	pg/L	#	
1829	Initial Analysis	PCB-133/142	1	NA	3230	pg/L	#	
1830	Initial Analysis	PCB-134/143	1	NA	6460	pg/L	#	
1831	Initial Analysis	PCB-135	1	NA	11500	pg/L	#	
1832	Initial Analysis	PCB-136	1	NA	12300	pg/L	#	
1833	Initial Analysis	PCB-137	1	NA	6290	pg/L	#	
1834	Initial Analysis	PCB-138/163/164	1	NA	105000	pg/L	#	
1835	Initial Analysis	PCB-139/149	1	NA	71200	pg/L	#	
1836	Initial Analysis	PCB-140	1	NA	377	pg/L	#	
1837	Initial Analysis	PCB-141	1	NA	20400	pg/L	#	
1838	Initial Analysis	PCB-144	1	NA	4240	pg/L	#	
1839	Initial Analysis	PCB-145	1	NA	43.5	pg/L	#	
1840	Initial Analysis	PCB-146/165	1	NA	13000	pg/L	#	
1841	Initial Analysis	PCB-147	1	NA	1990	pg/L	#	
1842	Initial Analysis	PCB-148	1	NA	69.6	pg/L	#	
1843	Initial Analysis	PCB-150	1	NA	100	pg/L	#	
1844	Initial Analysis	PCB-151	1	NA	17600	pg/L	#	
1845	Initial Analysis	PCB-152	1	NA	105	pg/L	#	

	X	Y	Z	AA
1801			Y	N
1802			Y	N
1803			Y	N
1804			Y	N
1805			Y	N
1806			Y	N
1807			N	N
1808			Y	N
1809			Y	N
1810			Y	N
1811			Y	N
1812			Y	N
1813			Y	N
1814			Y	N
1815			Y	N
1816			Y	N
1817			Y	N
1818			N	N
1819			Y	N
1820			Y	N
1821			Y	N
1822			Y	N
1823			N	N
1824			Y	N
1825			Y	N
1826			Y	N
1827			N	N
1828			Y	N
1829			Y	N
1830			Y	N
1831			Y	N
1832			Y	N
1833			Y	N
1834			Y	N
1835			Y	N
1836			Y	N
1837			Y	N
1838			Y	N
1839			Y	N
1840			Y	N
1841			Y	N
1842			Y	N
1843			Y	N
1844			Y	N
1845			Y	N

	A	B	C	D	E	F	G
1846	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1847	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1848	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1849	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1850	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1851	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1852	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1853	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1854	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1855	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1856	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1857	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1858	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1859	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1860	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1861	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1862	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1863	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1864	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1865	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1866	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1867	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1868	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1869	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1870	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1871	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1872	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1873	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1874	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1875	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1876	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1877	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1878	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1879	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1880	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1881	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1882	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1883	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1884	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1885	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1886	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1887	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1888	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1889	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1890	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384

	H	I	J	K	L	M	N	O
1846	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1847	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1848	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1849	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1850	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1851	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1852	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1853	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1854	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1855	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1856	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1857	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1858	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1859	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1860	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1861	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1862	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1863	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1864	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1865	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1866	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1867	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1868	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1869	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1870	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1871	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1872	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1873	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1874	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1875	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1876	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1877	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1878	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1879	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1880	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1881	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1882	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1883	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1884	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1885	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1886	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1887	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1888	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1889	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1890	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007

	P	Q	R	S	T	U	V	W
1846	Initial Analysis	PCB-153	1	NA	88700	pg/L	#	
1847	Initial Analysis	PCB-154	1	NA	706	pg/L	#	
1848	Initial Analysis	PCB-155	1	NA	24.4	pg/L	#	U
1849	Initial Analysis	PCB-156	1	NA	12000	pg/L	#	
1850	Initial Analysis	PCB-157	1	NA	2660	pg/L	#	
1851	Initial Analysis	PCB-158/160	1	NA	12200	pg/L	#	
1852	Initial Analysis	PCB-159	1	NA	839	pg/L	#	
1853	Initial Analysis	PCB-166	1	NA	447	pg/L	#	
1854	Initial Analysis	PCB-167	1	NA	4310	pg/L	#	
1855	Initial Analysis	PCB-168	1	NA	84	pg/L	#	
1856	Initial Analysis	PCB-169	1	NA	23.1	pg/L	#	U
1857	Initial Analysis	PCB-170	1	NA	19800	pg/L	#	
1858	Initial Analysis	PCB-171	1	NA	5800	pg/L	#	
1859	Initial Analysis	PCB-172	1	NA	3550	pg/L	#	
1860	Initial Analysis	PCB-173	1	NA	498	pg/L	#	
1861	Initial Analysis	PCB-174	1	NA	25300	pg/L	#	
1862	Initial Analysis	PCB-175	1	NA	922	pg/L	#	
1863	Initial Analysis	PCB-176	1	NA	2480	pg/L	#	
1864	Initial Analysis	PCB-177	1	NA	13200	pg/L	#	
1865	Initial Analysis	PCB-178	1	NA	3780	pg/L	#	
1866	Initial Analysis	PCB-179	1	NA	9210	pg/L	#	
1867	Initial Analysis	PCB-180	1	NA	55000	pg/L	#	
1868	Initial Analysis	PCB-181	1	NA	552	pg/L	#	
1869	Initial Analysis	PCB-182/187	1	NA	25400	pg/L	#	
1870	Initial Analysis	PCB-183	1	NA	10800	pg/L	#	
1871	Initial Analysis	PCB-184	1	NA	24.4	pg/L	#	U
1872	Initial Analysis	PCB-185	1	NA	2990	pg/L	#	
1873	Initial Analysis	PCB-186	1	NA	24.4	pg/L	#	U
1874	Initial Analysis	PCB-188	1	NA	36.4	pg/L	#	
1875	Initial Analysis	PCB-189	1	NA	741	pg/L	#	
1876	Initial Analysis	PCB-190	1	NA	3630	pg/L	#	
1877	Initial Analysis	PCB-191	1	NA	747	pg/L	#	
1878	Initial Analysis	PCB-192	1	NA	24.4	pg/L	#	U
1879	Initial Analysis	PCB-193	1	NA	2000	pg/L	#	
1880	Initial Analysis	PCB-194	1	NA	15800	pg/L	#	
1881	Initial Analysis	PCB-195	1	NA	5690	pg/L	#	
1882	Initial Analysis	PCB-196/203	1	NA	16600	pg/L	#	
1883	Initial Analysis	PCB-197	1	NA	499	pg/L	#	
1884	Initial Analysis	PCB-198	1	NA	1220	pg/L	#	
1885	Initial Analysis	PCB-199	1	NA	16300	pg/L	#	
1886	Initial Analysis	PCB-200	1	NA	2120	pg/L	#	
1887	Initial Analysis	PCB-201	1	NA	2290	pg/L	#	
1888	Initial Analysis	PCB-202	1	NA	4200	pg/L	#	
1889	Initial Analysis	PCB-204	1	NA	24.4	pg/L	#	U
1890	Initial Analysis	PCB-205	1	NA	598	pg/L	#	

	X	Y	Z	AA
1846			Y	N
1847			Y	N
1848			N	N
1849			Y	N
1850			Y	N
1851			Y	N
1852			Y	N
1853			Y	N
1854			Y	N
1855			Y	N
1856			N	N
1857			Y	N
1858			Y	N
1859			Y	N
1860			Y	N
1861			Y	N
1862			Y	N
1863			Y	N
1864			Y	N
1865			Y	N
1866			Y	N
1867			Y	N
1868			Y	N
1869			Y	N
1870			Y	N
1871			N	N
1872			Y	N
1873			N	N
1874			Y	N
1875			Y	N
1876			Y	N
1877			Y	N
1878			N	N
1879			Y	N
1880			Y	N
1881			Y	N
1882			Y	N
1883			Y	N
1884			Y	N
1885			Y	N
1886			Y	N
1887			Y	N
1888			Y	N
1889			N	N
1890			Y	N

	A	B	C	D	E	F	G
1891	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1892	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1893	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1894	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1895	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1896	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1897	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1898	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1899	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1900	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1901	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1902	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1903	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1904	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1905	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1906	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1907	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1908	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1909	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1910	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1911	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1912	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1913	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1914	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1915	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1916	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1917	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1918	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1919	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1920	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1921	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1922	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1923	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1924	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1925	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1926	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1927	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1928	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1929	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1930	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1931	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW40-WR384
1932	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1933	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1934	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1935	OF 5	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384

	H	I	J	K	L	M	N	O
1891	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1892	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1893	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1894	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1895	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 1668	5/25/2007
1896	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	5/16/2007
1897	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	5/16/2007
1898	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/6/2007
1899	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/6/2007
1900	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1901	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1902	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1903	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1904	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1905	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1906	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1907	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1908	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1909	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1910	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1911	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1912	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1913	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1914	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1915	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1916	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1917	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1918	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1919	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 6020	6/7/2007
1920	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/31/2007
1921	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 7470A	5/31/2007
1922	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1923	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1924	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1925	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1926	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1927	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1928	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1929	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1930	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1931	Composite	5/3/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	5/16/2007
1932	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 160.2	6/15/2007
1933	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	6/18/2007
1934	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 415.1	6/18/2007
1935	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007

	P	Q	R	S	T	U	V	W
1891	Initial Analysis	PCB-206	1	NA	12700	pg/L	#	
1892	Initial Analysis	PCB-207	1	NA	1190	pg/L	#	
1893	Initial Analysis	PCB-208	1	NA	2430	pg/L	#	
1894	Initial Analysis	PCB-209	1	NA	1720	pg/L	#	
1895	Initial Analysis	PCBs (total)	1	NA	2.82	µg/L	#	
1896	Initial Analysis	Dissolved Organic Carbon	1	NA	19.2	mg/L	#	
1897	Initial Analysis	Total Organic Carbon	1	NA	23.7	mg/L	#	
1898	Initial Analysis	Arsenic	1	Total	1.49	µg/L	#	
1899	Initial Analysis	Arsenic	1	Dissolved	0.885	µg/L	#	J
1900	Initial Analysis	Antimony	1	Total	5.95	µg/L	#	
1901	Initial Analysis	Cadmium	1	Total	2.98	µg/L	#	
1902	Initial Analysis	Chromium	1	Total	30	µg/L	#	
1903	Initial Analysis	Copper	1	Total	129	µg/L	#	
1904	Initial Analysis	Lead	1	Total	285	µg/L	#	
1905	Initial Analysis	Nickel	1	Total	19.4	µg/L	#	
1906	Initial Analysis	Selenium	1	Total	0.5	µg/L	#	J
1907	Initial Analysis	Silver	1	Total	0.208	µg/L	#	J
1908	Initial Analysis	Zinc	1	Total	867	µg/L	#	
1909	Initial Analysis	Aluminum	1	Dissolved	121	µg/L	#	J
1910	Initial Analysis	Antimony	1	Dissolved	3.63	µg/L	#	
1911	Initial Analysis	Cadmium	1	Dissolved	0.516	µg/L	#	
1912	Initial Analysis	Chromium	1	Dissolved	2.89	µg/L	#	
1913	Initial Analysis	Copper	1	Dissolved	14.4	µg/L	#	
1914	Initial Analysis	Lead	1	Dissolved	7.47	µg/L	#	
1915	Initial Analysis	Nickel	1	Dissolved	4.59	µg/L	#	
1916	Initial Analysis	Selenium	1	Dissolved	0.4	µg/L	#	U
1917	Initial Analysis	Silver	1	Dissolved	0.007	µg/L	#	U
1918	Initial Analysis	Zinc	1	Dissolved	90.5	µg/L	#	
1919	Initial Analysis	Aluminum	1	Total	4850	µg/L	#	
1920	Initial Analysis	Mercury	1	Total	0.59	µg/L	#	
1921	Initial Analysis	Mercury	1	Dissolved	0.06	µg/L	#	U
1922	Initial Analysis	2,4,5 Trichlorophenoxyacetic acid	1	NA	0.42	µg/L	#	U
1923	Initial Analysis	2,4-DB	1	NA	0.4	µg/L	#	U
1924	Initial Analysis	2,4-Dichlorophenoxyacetic acid	1	NA	1.2	µg/L	#	J
1925	Initial Analysis	2-(2-Methyl-4-chlorophenoxy) propionic acid	1	NA	63	µg/L	#	U
1926	Initial Analysis	Dalapon	1	NA	0.75	µg/L	#	U
1927	Initial Analysis	Dicamba	1	NA	0.85	µg/L	#	U
1928	Initial Analysis	Dichloroprop	1	NA	1.6	µg/L	#	U
1929	Initial Analysis	Dinoseb	1	NA	0.45	µg/L	#	U
1930	Initial Analysis	MCPA	1	NA	85	µg/L	#	U
1931	Initial Analysis	Silvex	1	NA	0.42	µg/L	#	U
1932	Initial Analysis	Total Suspended Solids	1	NA	304	mg/L	#	
1933	Initial Analysis	Dissolved Organic Carbon	1	NA	22.6	mg/L	#	
1934	Initial Analysis	Total Organic Carbon	1	NA	26.5	mg/L	#	
1935	Initial Analysis	2,4,5 Trichlorophenoxyacetic acid	1	NA	0.47	µg/L	#	U

	X	Y	Z	AA
1891			Y	N
1892			Y	N
1893			Y	N
1894			Y	N
1895			Y	Y
1896			Y	N
1897			Y	N
1898			Y	N
1899			Y	N
1900			Y	N
1901			Y	N
1902			Y	N
1903			Y	N
1904			Y	N
1905			Y	N
1906			Y	N
1907			Y	N
1908			Y	N
1909			Y	N
1910			Y	N
1911			Y	N
1912			Y	N
1913			Y	N
1914			Y	N
1915			Y	N
1916			N	N
1917			N	N
1918			Y	N
1919			Y	N
1920			Y	N
1921			N	N
1922			N	N
1923			N	N
1924			Y	N
1925			N	N
1926			N	N
1927			N	N
1928			N	N
1929			N	N
1930			N	N
1931			N	N
1932			Y	N
1933			Y	N
1934			Y	N
1935			N	N

	A	B	C	D	E	F	G
1936	**OF 5**	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1937	**OF 5**	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1938	**OF 5**	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1939	**OF 5**	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1940	**OF 5**	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1941	**OF 5**	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1942	**OF 5**	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1943	**OF 5**	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384
1944	**OF 5**	LWG Round 3 Stormwater	WR384	7618255.46	716404.2719	SP_OR_N_HARN_FT_INTL	LW3-STW-CW50-WR384

	H	I	J	K	L	M	N	O
1936	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
1937	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
1938	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
1939	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
1940	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
1941	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
1942	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
1943	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007
1944	Composite	6/11/2007	WATER	STORM	Historical or Unknown Lab	UNK	EPA 8151A	7/1/2007

	P	Q	R	S	T	U	V	W
1936	Initial Analysis	2,4-DB	1	NA	0.44	µg/L	#	U
1937	Initial Analysis	2,4-Dichlorophenoxyacetic acid	1	NA	1.2	µg/L	#	J
1938	Initial Analysis	2-(2-Methyl-4-chlorophenoxy) propionic acid	1	NA	70	µg/L	#	U
1939	Initial Analysis	Dalapon	1	NA	0.83	µg/L	#	U
1940	Initial Analysis	Dicamba	1	NA	0.94	µg/L	#	U
1941	Initial Analysis	Dichloroprop	1	NA	1.8	µg/L	#	U
1942	Initial Analysis	Dinoseb	1	NA	0.5	µg/L	#	U
1943	Initial Analysis	MCPA	1	NA	94	µg/L	#	U
1944	Initial Analysis	Silvex	1	NA	0.47	µg/L	#	U

	X	Y	Z	AA
1936			N	N
1937			Y	N
1938			N	N
1939			N	N
1940			N	N
1941			N	N
1942			N	N
1943			N	N
1944			N	N

International Terminals

Best Management Practices and Water Quality Monitoring Plan

Prepared for

SCHNITZER STEEL INDUSTRIES, INC

Prepared by

Floyd | Snider
601 Union Street
Suite 600
Seattle, Washington 98101

May 23, 2008

Table of Contents

1.0 Introduction **1-1**

2.0 Purpose **2-1**

3.0 Best Management Practices **3-1**

3.1 Dredging BMPs 3-1

3.2 Sediment Dewatering BMPs 3-2

3.3 Dredged Material Offloading BMPs 3-2

4.0 Water Quality Monitoring Locations **4-1**

5.0 Water Quality Monitoring Schedule **5-1**

6.0 Water Quality Monitoring Equipment and Methodology **6-1**

7.0 Field Equipment Calibration and Preventative Maintenance **7-1**

8.0 Documentation of Water Quality Monitoring Data **8-1**

9.0 Corrective Action and Notification **9-1**

10.0 References **10-1**

List of Tables

Table 4.1 Turbidity Threshold Levels for Maintenance Dredging at the International Terminals during the Allowed In-Water Work Period

List of Figures

Figure 4.1 Water Quality Monitoring Locations

SCHN00320851

1.0 Introduction

This document presents the proposed Best Management Practices (BMPs) and Water Quality Monitoring Plan (WQMP) for maintenance dredging of Berth 1 at the International Terminals site. The site is adjacent to Schnitzer Steel's facility, located in Portland, Oregon. This BMP and WQMP has been prepared to ensure compliance with Section 401 of the Clean Water Act and Oregon State Water Quality Standards (OAR 340-41).

Schnitzer Steel Industries, Inc. (Schnitzer) operates the International Terminals and associated berths. Berths within the project area currently support metal recycling operations and are also used to import bulk cargo such as manganese, pig iron, steel coils, and steel slabs.

2.0 Purpose

The proposed dredging, dewatering, and offloading BMPs have been developed to address the potential concerns for resuspension, release, residuals, and risks (Four Rs) associated with environmental dredging and are consistent with the original BMPs proposed under the existing maintenance dredging permit issued in 2004.

The WQMP was developed to evaluate water quality and ambient (background) conditions during maintenance dredging in order to ensure that turbidity will remain within acceptable limits outside of the project area and, if necessary, implement corrective actions to mitigate impacts to water quality. The project area includes multiple potential discharge points from the dredge and receiving barge (filtered return water).

This document defines the monitoring procedures that will be followed for water quality monitoring during maintenance dredging within the project area and provides a description of the Best Management Practices (BMPs) that will be implemented to address the Four Rs of environmental dredging and to ensure that potential water quality impacts will be minimized.

3.0 Best Management Practices

Maintenance dredging activities will be conducted during the Oregon Department of Fish and Wildlife's (ODFW) agreed upon in-water work windows as follows:

- July 1 through October 31 (any year with valid permits); and
- During other times as needed. Activities will be coordinated with the ODFW and approved by the Oregon Division of State Lands.

In addition, the following BMPs will be used to address the Four Rs of environmental dredging and to minimize potential water quality impacts (USACE, 2008). Activities that occur during maintenance dredging with the potential to impact water and sediment quality include dredging, barge dewatering of sediments, and sediment offloading at a transload facility. BMPs that will be implemented during each of these activities to minimize potential water and sediment quality impacts are described below.

3.1 Dredging BMPs

Mechanical dredging of sediment has the potential to cause sediment resuspension, which can impact water and sediment quality and the aquatic environment. The following BMPs will be implemented to minimize potential impacts to the environment during dredging operations:

- The construction contractor will ensure that no fuel, garbage, or debris enters the waterway from the dredge, receiving barge, other vessels associated with the project.
- Dredging will be conducted using an environmental clamshell bucket that is closed, vented, and sealed in order to minimize the release and redistribution of dredged material to the water column and surrounding sediment surface during dredging. In the event that large woody debris or other obstructions must be removed from the dredge prism, the environmental bucket may be replaced by a bucket suitable for the removal.
- Dredging will be conducted using procedures that will minimize potential impacts to water and sediment quality to the extent practicable. These procedures include the following:
    - Slow dredge bucket deployment and retrieval will be required. The maximum rate of retrieval of the dredge bucket will be 2 feet per second for the first 20 feet off the bottom (where the highest potential for bottom sediment disturbance exists). For the remainder of the bucket ascent, the rate may increase up to a maximum of 4 feet per second.
    - The maximum rate of bucket descent will be 10 feet per second and the descent rate will decrease significantly until stopped at the designated depth of digging penetration.

- "Sweeping" the post-dredge surface to smooth contours will not be allowed.
- Stockpiling of material on the bottom will not be allowed (i.e., each time the bucket is closed it will be brought to the surface).
- The bucket will be required to pause for several seconds at the water surface during retrieval to release excess water.

- Sloped dredge cuts will be no steeper than a 3H:1V grade to preserve underwater slope stability and prevent sloughing of adjacent material into the dredged area.
- Barges and other floating equipment shall be operated to avoid grounding on the riverbed or banks at any time.

3.2 Sediment Dewatering BMPs

Dredging efforts are required to be accomplished in a manner that minimizes the amount of water added to recovered sediment. In practice this is accomplished by taking full depth cuts whenever possible so that the dredge bucket is completely full of sediment and by pausing as the dredge bucket breaks the water surface during bucket retrieval to allow excess water to drain before sediment is discharged onto the receiving barge.

Dredged sediment placed onto the receiving barge will be allowed to passively dewater within the project area prior to being transferred upland. During barge dewatering activities, the following BMPs will be implemented to minimize potential water quality impacts:

- Return water draining from the receiving barge will be treated by filtering water through straw bales and/or geotextile fabric before returning to the waterway.
- Straw bales and geotextile fabric will be changed regularly to ensure efficient filtration of the return water.
- Barges will not be overfilled to the point where recovered material, including both sediment and water, overflows directly back to the waterway.
- During sediment dewatering, the receiving barge will remain within the project area.
- Return water from the barge will not be allowed to discharge to the waterway outside the project area (e.g., during transport to, or while stationed at the transload facility).

3.3 Dredged Material Offloading BMPs

The following BMPs will be implemented to prevent potential release of sediment at the transload facility and to prevent potential water quality impacts to the waterway:

- The clamshell bucket used during sediment offloading will not be allowed to swing directly over open water. A protective "capture barge", temporary structure, or spill

apron will be placed along the swing pathway of the bucket to prevent material from entering the waterway.

- Railcars or containers used to transport dredged sediment will be lined with impermeable liners prior to being filled.
- The transload facility will be swept regularly to prevent potential spreading or release of sediment.
- Sediment will be removed from the outside of equipment and railcars by brushing or sweeping prior to leaving the transload facility.

SCHN00320856

4.0 Water Quality Monitoring Locations

Compliance water quality monitoring will be conducted at the compliance boundary located downstream of project area. Ambient water quality monitoring will also be conducted upstream from the project area to establish background conditions for the river.

Water quality compliance monitoring will be conducted at one location approximately 150 feet directly downstream of the project area, as shown in Figure 4.1. The water quality monitoring station will be relocated, based on field conditions, in order to intercept any visible turbidity plumes originating from dredging operations. Monitoring stations will be located in the field using a Differential Global Positioning System (DGPS) on board the sampling vessel.

Ambient water quality monitoring will also be conducted at one station located within the waterway but at least 100 feet outside the influence of dredging operations (upstream from project area), as shown in Figure 4.1. Ambient monitoring stations will also be located in the field based on field conditions.

At each compliance or ambient monitoring location, turbidity will be measured and recorded at three depths:

- Shallow to within one meter of the water surface
- Mid depth
- Deep to within one meter of the mudline

Measurements from all three depths will be recorded separately, but will be averaged to determine the turbidity concentration.

Turbidity thresholds were developed in 2001 by Ellis Ecological Services, Inc. (EES) and adopted by the Port of Portland (2001) for maintenance dredging at Terminal 2 and Terminal 5 on the Willamette River. These threshold levels were approved by the Oregon Department of Environmental Quality (ODEQ), the Oregon Division of State Lands, and the U.S. Army Corps of Engineers and were incorporated as a condition of the Terminal 2 and Terminal 5 maintenance dredging permits. The following threshold levels, developed by EES, are proposed for maintenance dredging at the International Terminals (Berths 1-5).

Table 4.1
Turbidity Threshold Levels for Maintenance Dredging at the International Terminals during the Allowed In-Water Work Periods

Turbidity Level (NTU)	July 1 – October 31
Action Level (48 – hour average)	35

Stop Work Level (8-hour average)	135

Compliance monitoring results will be compared to the turbidity thresholds presented in Table 4.1 to evaluate water quality compliance. In the event that natural background turbidity exceeds the action level or stop work level in Table 4.1, then these levels will be 10 percent above background turbidity in accordance with Oregon State water quality standard (OAR 340-041-0445) for turbidity for the Willamette Basin. An exceedance of the threshold occurs only if the average turbidity exceeds the action level for a consecutive 48-hour period or the stop work level for a contiguous 8-hour period and the monitoring supervisor identifies the dredging operation as the cause of elevated turbidity.

5.0 Water Quality Monitoring Schedule

Turbidity will be monitored visually approximately every 4 hours during dredging operations. If visible turbidity observations indicate a potential problem then the *in situ* compliance-monitoring schedule will be adjusted to sample sooner than the next scheduled monitoring event.

In situ compliance monitoring for turbidity will be conducted twice daily for 3 days (intensive monitoring), at the water quality monitoring station located 150 feet downstream from the project area. Compliance monitoring results will be compared to turbidity thresholds (shown in Table 4.1) and ambient concentrations.

If exceedances are measured, another round of compliance monitoring and ambient monitoring will be initiated to verify the exceedance and ODEQ will be notified. If turbidity is consistently found to be acceptable during subsequent "intensive" monitoring, monitoring will return to visual-only monitoring every 4 hours during dredging operations. Apparent visual exceedances will trigger a return to intensive monitoring (twice daily instrument monitoring) until turbidity exceedances ceases. Visual-only monitoring every 4 hours would then resume.

6.0 Water Quality Monitoring Equipment and Methodology

Turbidity measurements will be collected using a turbidity meter. Prior to each use, the turbidity meter will be calibrated according to the manufacturer's instructions. When the interface screen shows no significant change in the readings, the probe will be considered calibrated and ready for monitoring. Turbidity readings will be measured at each of the three depths specified in Section 4.0. All water quality monitoring field data, as described in Section 8.0, will be documented in the Water Quality Monitoring Report.

To satisfy QA/QC procedures, all field analyses will be conducted in duplicate at least 10 percent of the time. A significant difference (± 3 percent) in the replicate analyses will result in a recalibration of the field instrument. All field analyses will be recorded in logbooks and will be traceable to the specific person conducting the calibration.

7.0 Field Equipment Calibration and Preventative Maintenance

Field instruments will be properly operated, calibrated, and maintained by qualified personnel according to the manufacturer's guidelines and recommendations. Documentation of routine and special preventive maintenance and calibration information will be maintained in the appropriate field or laboratory logbook, and will be available upon request. Each maintenance and calibration logbook entry will include the date and initials of the individual performing the activity.

8.0 Documentation of Water Quality Monitoring Data

Field personnel will prepare daily field water quality monitoring reports detailing monitoring data collection activities and results. These field reports will include the following information:

- Depth of water at monitoring locations.
- Results of water quality monitoring instrumentation.
- Calibration sheets and notes for all daily instrument calibration.
- List of personnel on board vessel.
- Problems encountered that might affect data results.
- Weather at time of water quality monitoring.
- Date and time of exceedances, if any have occurred, and associated corrective actions.
- Station coordinates, including exact time and date of monitoring data documentation.

A Water Quality Monitoring Report will be prepared and submitted to ODEQ after maintenance dredging activities have been completed. This report will include:

- Depth of water at monitoring locations.
- Record of compliance and ambient monitoring results.
- Description of maintenance dredging activities occurring during water quality monitoring activities.
- Description of any monitoring results that exceeded compliance criteria including time and date of the exceedance.
- Description of corrective actions implemented to mitigate water quality impacts.
- Maps indicating water quality monitoring locations.
- Maps showing construction activity locations during water quality monitoring activities.

9.0 Corrective Action and Notification

If compliance monitoring data indicates a turbidity exceedance of the water quality criteria at the compliance boundary, ODEQ will be notified immediately after the exceedance is confirmed and corrective actions will be evaluated. Corrective actions will include confirming that environmental buckets are properly functioning, modifying dredge procedures (such as changing dredge buckets, slowing or otherwise revising dredge rates, etc.) and/or modifying barge-dewatering procedures (e.g., replacing filter materials or increasing settling time). ODEQ will be informed of potential corrective actions.

10.0 References

Oregon Department of Environmental Quality (ODEQ). Statewide Water Quality Management Plan. Beneficial Uses, Polices, Standards and Treatment Criteria for Oregon. OAR 340-041, Water Pollution.

Port of Portland. 2001. Water Quality Management Plan for Maintenance Dredging. August 31.

Ellis Ecological Services, Inc. 2001. Preliminary Assessment of Potential Effects on Salmonids Associated with Turbidity Caused by Dredging in the Columbia and Willamette Rivers. Memorandum prepared for the Port of Portland. August 30.

USACE. 2008. Dredging Operations and Environmental Research Program. *The Four Rs of Environmental Dredging: Resuspension, Release, Residual, and Risk.* February.

International Terminals
Water Quality Monitoring Plan

Figures

DEPARTMENT OF THE ARMY
PORTLAND DISTRICT, CORPS OF ENGINEERS
POST OFFICE BOX 2946
PORTLAND, OREGON 97208-2946

February 13, 2004

REPLY TO
ATTENTION OF:

Operations Division
Regulatory Branch
Corps No.: 199100099

Mr. James L. Jakubiak
Schnitzer Investment Corporation
International Terminal
PO Box 10047
Portland, Oregon 97296-0047

Dear Mr. Jakubiak:

Enclosed are two unsigned copies of your requested permit.

In order to make this permit valid, please read the conditions of the permit carefully, complete both copies including signature, printed name and title, and return both copies to the Regulatory Branch, Permits Section, at the letterhead address along with a check in the amount of $100.00, payable to Finance and Accounting Officer, USAED, Portland. Your copy of the fully executed permit will then be returned to you.

You are cautioned, however, not to begin work under the terms of this permit until you receive the fully executed document, as such action would be in violation of Federal law.

Recent changes in the U.S. Army Corps of Engineers regulations have established a process through which you may object to certain terms and conditions of the enclosed permit, and ask that the permit be modified accordingly. Please see the enclosed Notification of Administrative Appeal Options and Process and Request for Appeal for further information about that process.

If you have any questions regarding this permit, please contact Ms. Mary J. Headley at the letterhead address or telephone (503) 808-4392.

Sincerely,

Donald Gorda
for
Lawrence C. Evans
Chief, Regulatory Branch

Enclosures

Applicant: Schnitzer Steel Industries, Inc.	File Number: 199100099	Date: 13FEBN04
Attached is:		See Section below
XX	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B
	PERMIT DENIAL	C
	APPROVED JURISDICTIONAL DETERMINATION	D
	PRELIMINARY JURISDICTIONAL DETERMINATION	E

SECTION I: The following identifies your rights and options regarding administrative appeal of the above decision. Additional information may be found at http://www.usace.army.mil/cw/cecwo/reg/ or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

- OBJECT: If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- ACCEPT: If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

- APPEAL: If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- ACCEPT: You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.

- APPEAL: If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice. Also, see Section II.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record. If you believe you have additional information pertinent to an approved jurisdictional determination {see Part D} with which you disagree, that new information should first be sent to the Portland District for reconsideration. Following the District's reconsideration, the approved jurisdictional determination can still be appealed as noted in Part D)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION

If you have questions regarding this decision and/or the appeal process you may contact: U.S. Army Corps of Engineers Portland District Office CENWP-OP-GP (ATTN: Jim Goudzwaard) Post Office Box 2946 Portland, Oregon 97208-2946	If you decide to appeal an action under Parts B, C or D above, send a copy of each page to: U.S. Army Corps of Engineers Northwestern Division Attn: Mores Bergman, Appeal Review Officer 12565 West Center Road Omaha, Nebraska 68144-3869 Telephone (402) 697-2533

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

_____ Signature of appellant or agent.	Date:	Telephone number:

DEPARTMENT OF THE ARMY PERMIT

Permittee: Schnitzer Steel Industries, Inc.

Permit No: 199100099

Issuing Office: U.S. Army Corps of Engineers, Portland District

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: Schnitzer Steel Industries, Inc. (SSI) proposes to conduct maintenance dredging of Berths 1, 2, and 3 at the International Terminals slip. The project involves dredging the area to a maximum depth of -42 feet Columbia River Datum (CRD), -38 feet CRD, or -24 feet CRD depending on location within the slip. The proposed dredge footprint covers about 9.6 acres with a maximum length of 2,250 feet and maximum width of 270 feet. The proposed dredge footprint lies entirely within the previously permitted dredge area and covers less area than authorized in previous permits. The initial dredge volume associated with the proposed dredge prism is 77,000 cubic yards (cy). Over the remainder of the permit duration, SSI proposes to dredge another 50,000 cy as needed for ongoing maintenance (e.g. 25,000 cy every other year, on average, in years two through five). Dredging will be by clamshell bucket, with transport to approved upland facilities or locations by barge, truck or rail.

Purpose: To maintain safe navigation access and berthing for the dock facilities at the SSI International Terminals slip by conducting periodic maintenance dredging, as needed. The slip and associated berths have been maintained under previous maintenance dredging permits (Department of the Army Permit 199100099 and Oregon Division of State Lands Removal-Fill Permit No. 1055). Shoaling at the mouth of the slip and within the berths has created a critical and urgent need to maintain these facilities.

Project Location: Willamette River, River Mile 3.5, Section 35, Township 2 North, Range 1 West, Portland, Multnomah County, Oregon

Drawing: Three (3) Sheets identified as COE No. 199100099 (Enclosure 1)

General Conditions:

1. The time limit for completing the work authorized ends on **January 31, 2009**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted

activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the

SCHN00320869

Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. A conditioned water quality certification has been issued for your project. You must comply with the conditions specified in the certification as special conditions to this Department of the Army permit. For your convenience, a copy of the certification is attached (Enclosure 2).

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. **In-water Work Windows:** All in-water work, including temporary fills or structures, shall occur between July 1-October 31 and December 1-January 31 (timeframes are specific to the Willamette River, from the mouth to Willamette Falls). Exceptions to these time periods require specific approval from the Corps.

2. The following special condition is a part of all Department of the Army permits that provide authorization under Section 10 of the Rivers and Harbors Act, regardless whether the permit provides such authorization under Section 10 alone, or in combination with authorization under other laws:

- The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the U.S Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

3. The Environmental Protection Agency (EPA) is presently evaluating the Willamette River between the mouth of the river and Willamette Falls (river miles 0-26). This is the reach of the river that EPA has identified as an "area of interest" pursuant to a National Priorities Listing under the Comprehensive Environmental Response, Compensation, and Liability Act, the Resource Conservation and Recovery Act, and the Federal Water Pollution Control Act. The following statement is provided at the request of EPA:

- "This permit does not exclude the permittee from liability or any requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 as amended (42 U.S.C 9601 et. Seq.), the Resource Conservation and Recover Act of 1978 as amended (42 USC 6901 et. Seq.), the Federal Water Pollution Control Act as amended (33 USC 1251 et. Seq.) and any and all requirements of the State of Oregon under Revised Statures or Administrative Rules. The Protection Agency and the Oregon Department of Environmental Quality pursuant to a National priorities Listing relative to the Willamette River. Granting of this permit by the Portland District, US Army Corps of Engineers should in no way be construed as approval of this project as being in compliance with the above cited authorities. Neither should the permittee consider this permit as absolving the permittee from any liability or damages from any party whomsoever."

4. The permittee (Schnitzer Steel Industries, Inc) will comply with the terms and conditions of the US Fish and Wildlife Service letter of concurrence (Enclosure 3). Your authorization under this Department of the Army permit is conditional upon your compliance with these mandatory terms and conditions in order to minimize adverse affects on listed Bald Eagle under the Federal Endangered Species Act. Specifically:

SCHN00320870

a. A close-lipped clamshell bucket will be used to dredge the project sites with all dredged material transported to approved upland facilities or location by barge, truck, or rail. Any incidences when the close-lipped bucket is not used will be described in a post-dredging report, with copies provided to the Corps and FWS. Include when, where, and the length of time the close-lipped dredge was out of service.

b. A turbidity management plan will be developed using guidelines established by the Oregon Department of Environmental Quality (ODEQ).

c. Dredging depths, including overdrafts, will be kept to a minimum.

5. Endangered Species Act and Magnuson Stevens Act Requirements. This Corps permit does not authorize you to take a listed species. In order to legally take a listed species, you must have separate authorization under the Endangered Species Act (ESA) (e.g., an ESA Section 10 permit, or a Biological Opinion under ESA Section 7, with "incidental take" provisions with which you must comply). "Incidental take" is take of listed species that results from, but is not the purpose of, the Federal agency or the Permittee carrying out an otherwise lawful activity. Take (harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, collect, or attempt to engage in any such conduct) of an endangered or threatened species is prohibited without a specific permit or exemption.

The Biological Opinion which the Corps used to evaluate your proposal for compliance with the ESA and the Magnuson-Stevens Act, is a programmatic procedure developed with National Marine Fisheries Service (NOAA Fisheries) for specific activities requiring a Corps permit entitled *Standard Local Operating Procedures for Endangered Species (Slopes) for Certain Regulatory and Operations Activities Carried Out by the Department of the Army Permits in Oregon and the North Shore of the Columbia River*, dated July 8, 2003. The Corps recommends that you review the SLOPES opinion in its entirety, which you may obtain on-line at https://www.nwp.usace.army.mil/op/g/notices/Slopes.pdf.

The enclosed SLOPES document (in part) (Enclosure 4) contains mandatory terms and conditions to implement the reasonable and prudent measures (RPM) that are associated with incidental take specified in SLOPES.

Your authorization under this Corps permit is conditional upon your compliance with all of the mandatory terms and conditions associated with incidental take of the attached SLOPES conditions, which are incorporated by reference in this permit. Failure to comply with the terms and conditions associated with incidental take of SLOPES, where a take of the listed species occurs, constitutes an unauthorized take, and constitutes non-compliance with your Corps permit. The NOAA Fisheries is the appropriate authority to determine compliance with the terms and conditions of SLOPES, ESA, and MSA.

The Corps hereby requires the Permittee to adhere to the following Special Conditions in order to minimize adverse affects on ESA listed Chinook salmon, and Steelhead trout, and MSA listed Chinook and Coho salmon, and Starry flounder:

a. To satisfy the requirements of SLOPES RPM #1, the Corps requires that the Permittee comply with the following:

1. Project Access. The Permittee shall ensure that landowner(s) provide reasonable access to the project area for monitoring the use and effectiveness of permit conditions. Reasonable access means, with prior notice to the Permittee, the Corps and NOAA Fisheries may at reasonable times and in a safe manner, enter and inspect the permitted project to ensure compliance with the reasonable and prudent measures and terms and conditions in this Opinion.

2. Salvage Notice. If a sick, injured or dead specimen of a threatened or endangered species is found, the finder must notify the Vancouver Field Office of NOAA Fisheries Law Enforcement at 360-418-4246. The finder must take care in the handling of sick or injured specimens to ensure effective treatment, and in handling dead

SCHN00320871

specimens to preserve biological material in the best possible condition for later analysis of cause of death. The finder also has the responsibility to carry out instructions provided by Law Enforcement to ensure that evidence intrinsic to the specimen is not disturbed unnecessarily.

b. General Conditions. To satisfy the requirements of general conditions for surveying, exploration, construction, operation, and maintenance under SLOPES, the Permittee shall fully implement all conditions, as applicable to the permitted activity, in RPM #2 (Enclosure 4a). Please note that the general terms and conditions of Measure 2 cover an array of diverse activities such that not all requirements may apply to your particular project.

c. Activity-Specific Conditions. To satisfy the requirements of maintenance dredging under SLOPES, the Permittee shall fully implement all conditions, as applicable to the permitted activity in RPMs 11 & 12 Enclosure 4b).

d. Monitoring. To satisfy the monitoring requirements of SLOPES the Permittee shall fully implement RPM #13,(a) Regulatory program implementation monitoring (Enclosure 4c). Please note that RPM #13(a) requires the submittal of an implementation report, photo documentation, and additional project-specific data within 120 days of "project completion". Project completion, for the purposes of this report,

is defined as the date when work in waters of the U.S. is complete, which may differ from the date when the entire project is complete. In addition to the implementation report, Measure 13(a)(iv) requires an annual report submitted to the Corps by December 31st of each monitoring year for projects requiring restoration or mitigation. The monitoring period begins with the first growing season after project completion.

e. The Permittee shall provide all documentation and reports as required for submittal by this Opinion to the following address:

U.S. Army Corps of Engineers
Regulatory Branch
Compliance & Enforcement Section (Multnomah – 199100099)
P.O. Box 2946
Portland, Oregon 97208

6. The permittee will evaluate sediment quality before each dredging occurrence, and comply with requirements of the *Dredge Maintenance Evaluation Framework for the Lower Columbia River Management Area* (DMEF) (November 1998). Sediment quality reports will be submitted to the Corps for coordination, and determination of compliance with DMEF, with the Regional Management Team (RMT). At times this process can be lengthy, so please allow sufficient time for the Corps to complete coordination with the RMT (6 months recommended). Provide 4 complete copies of the report to the following address:

U.S. Army Corps of Engineers
Regulatory Branch
Permit Section (Multnomah – 199100099)
P.O. Box 2946
Portland, Oregon 97208

7. The permittee will dispose of dredge spoils at an approved upland facility. Any temporary dredge spoil area (e.g. on a barge) will be fully-contained so as to limit return flows to the river to less than 4-feet per second.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

SCHN00320872

(X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

SCHN00320873

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

(PERMITTEE SIGNATURE) (DATE)

(PRINTED NAME) (TITLE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

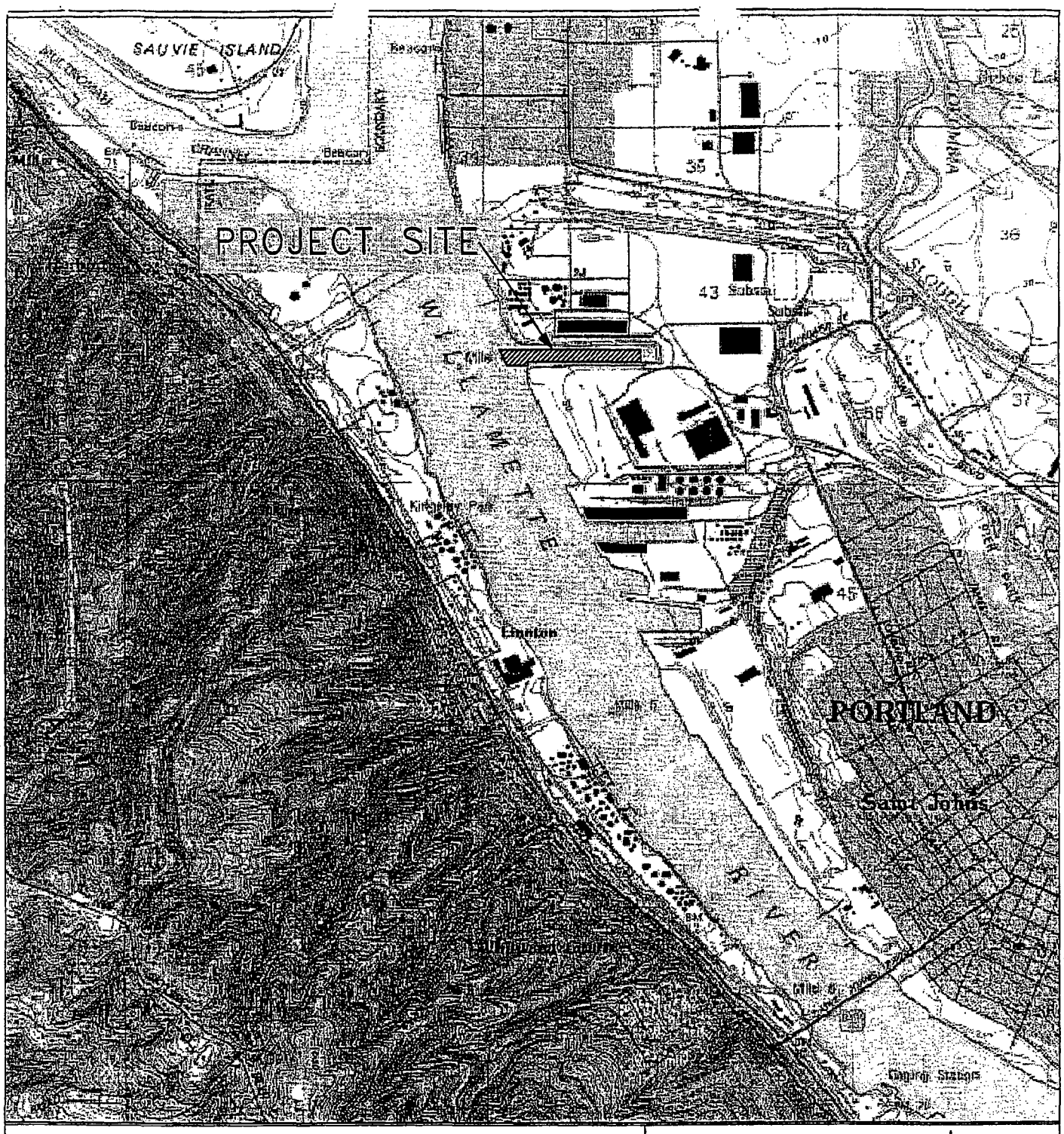
(DISTRICT ENGINEER) (DATE)
FOR
Richard W. Hobernicht
Colonel, Corps of Engineers
District Engineer

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE) (DATE)

(PRINTED NAME) (TITLE)

SCHN00320874



NOTE 1. LOCATION MAP OBTAINED FROM US GEOLOGICAL SURVEY QUAD SHEET FOR LINNTON, OR

Scale in Feet
0 1000 2000

PURPOSE: MAINTAIN NAVIGATION ACCESS AND BERTHS FOR SHIPS AND BARGES
VERTICAL DATUM: COLUMBIA RIVER DATUM (CRD), CRD IS 1.6' ABOVE NGVD AT WILLAMETTE RIVER MILE 3.6
ADJACENT PROPERTY OWNERS:
1. NORTHWEST TERMINAL COMPANY
2. PORT OF PORTLAND

LATITUDE: 45° 36' 41" N
LONGITUDE: 122° 46' 42" W

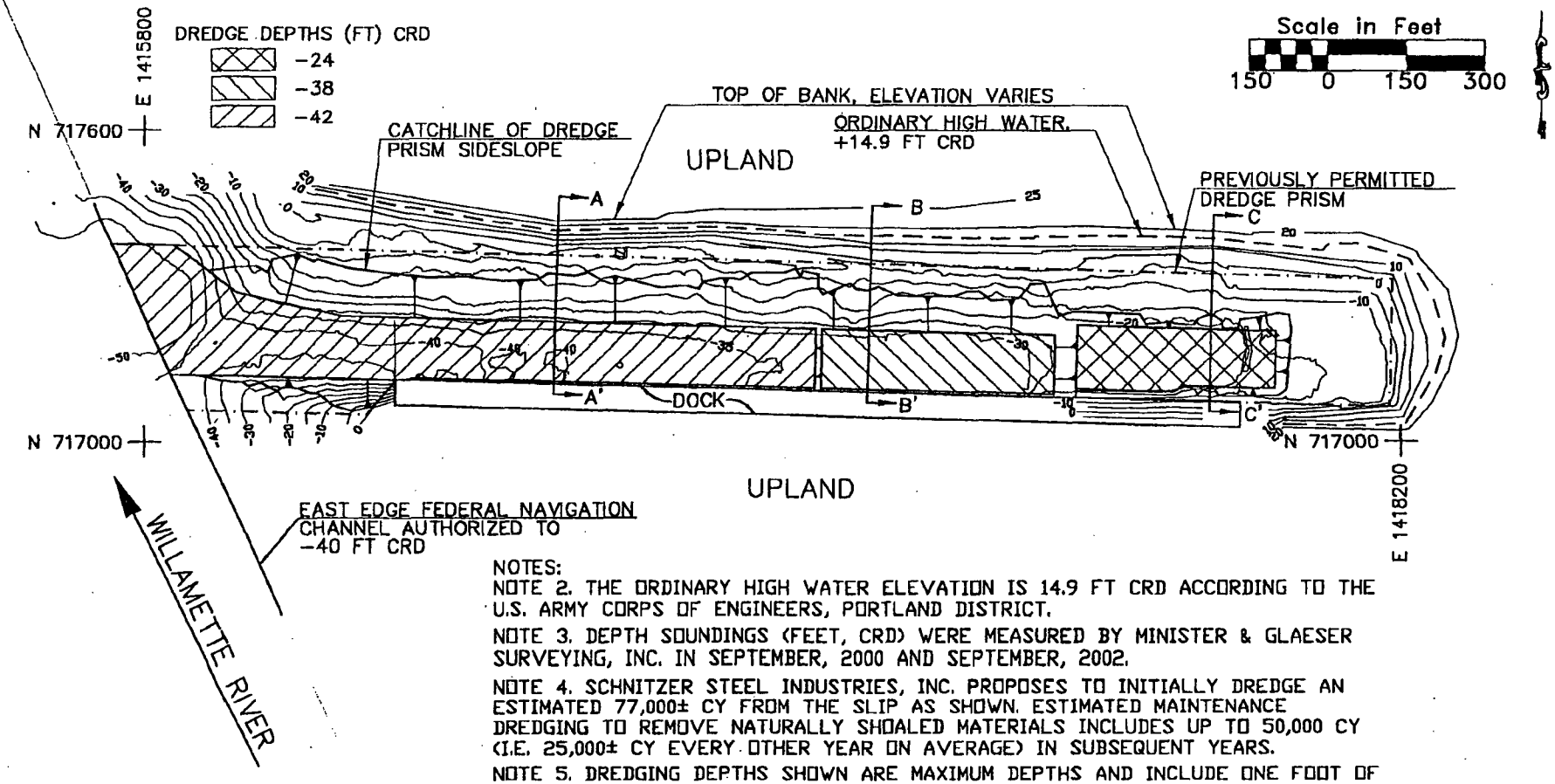
COE NO. 199100099

ENCLOSURE 1

PROPOSED MAINTENANCE DREDGING AT INTERNATIONAL TERMINALS

IN: WILLAMETTE RIVER
AT: RIVER MILE 3.6
COUNTY OF: MULTNOMAH
APPLICATION BY: SCHNITZER STEEL INDUSTRIES, INC.
SHEET 1 OF 3 DATE: 5/29/03

SCHN00320875



NOTES:

NOTE 2. THE ORDINARY HIGH WATER ELEVATION IS 14.9 FT CRD ACCORDING TO THE U.S. ARMY CORPS OF ENGINEERS, PORTLAND DISTRICT.

NOTE 3. DEPTH SOUNDINGS (FEET, CRD) WERE MEASURED BY MINISTER & GLAESER SURVEYING, INC. IN SEPTEMBER, 2000 AND SEPTEMBER, 2002.

NOTE 4. SCHNITZER STEEL INDUSTRIES, INC. PROPOSES TO INITIALLY DREDGE AN ESTIMATED 77,000± CY FROM THE SLIP AS SHOWN. ESTIMATED MAINTENANCE DREDGING TO REMOVE NATURALLY SHOALED MATERIALS INCLUDES UP TO 50,000 CY (I.E. 25,000± CY EVERY OTHER YEAR ON AVERAGE) IN SUBSEQUENT YEARS.

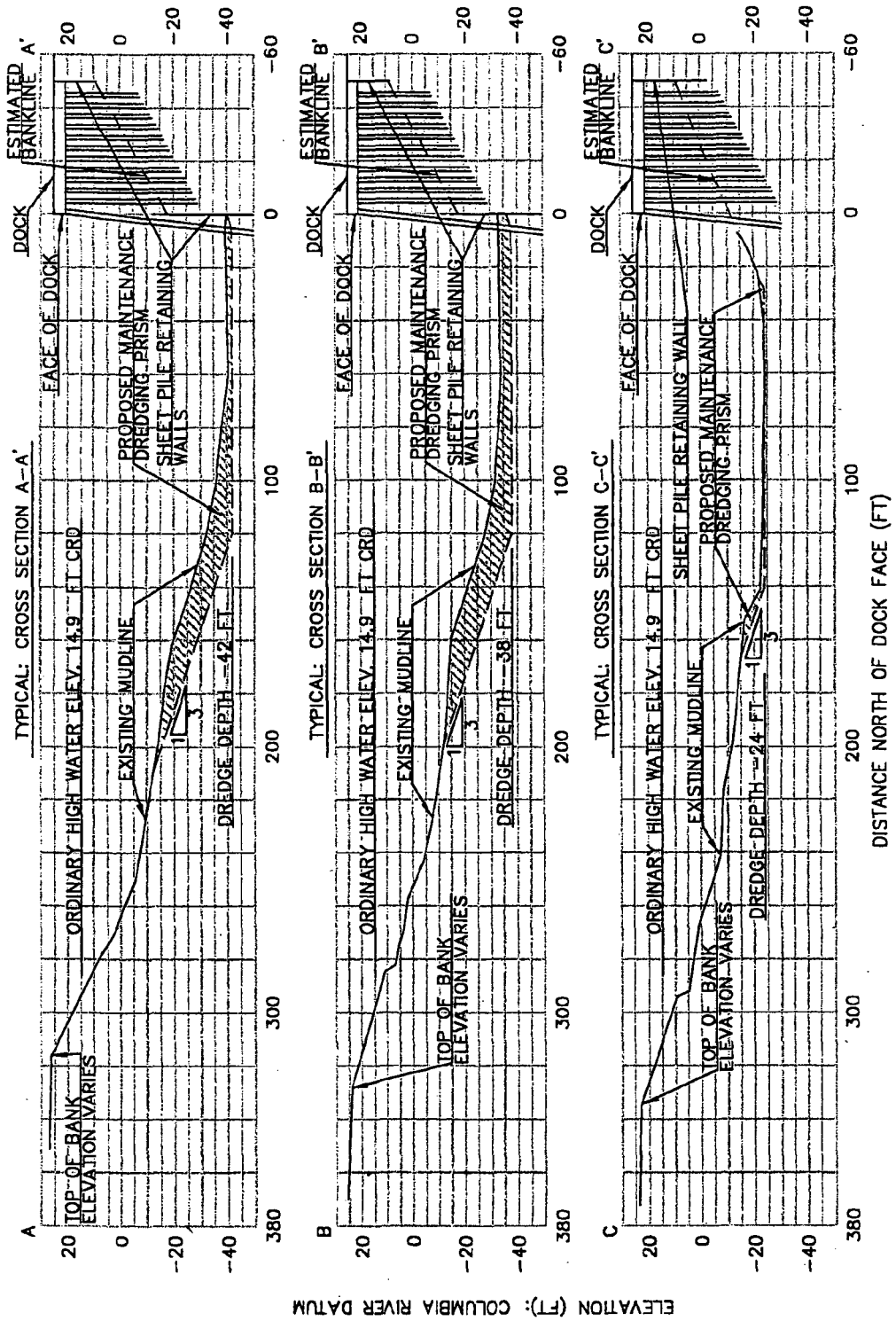
NOTE 5. DREDGING DEPTHS SHOWN ARE MAXIMUM DEPTHS AND INCLUDE ONE FOOT OF ADVANCED MAINTENANCE AND ONE FOOT OF ALLOWABLE OVERDEPTH DUE TO DREDGING INACCURACY.

NOTE 6. SCHNITZER STEEL INDUSTRIES, INC. PROPOSES TO DREDGE THE MATERIAL USING A CLAMSHELL BUCKET OPERATED FROM A FLOATING CRANE. DREDGED MATERIAL WILL BE PLACED IN APPROVED UPLAND LOCATIONS.

COE NO. 199100099

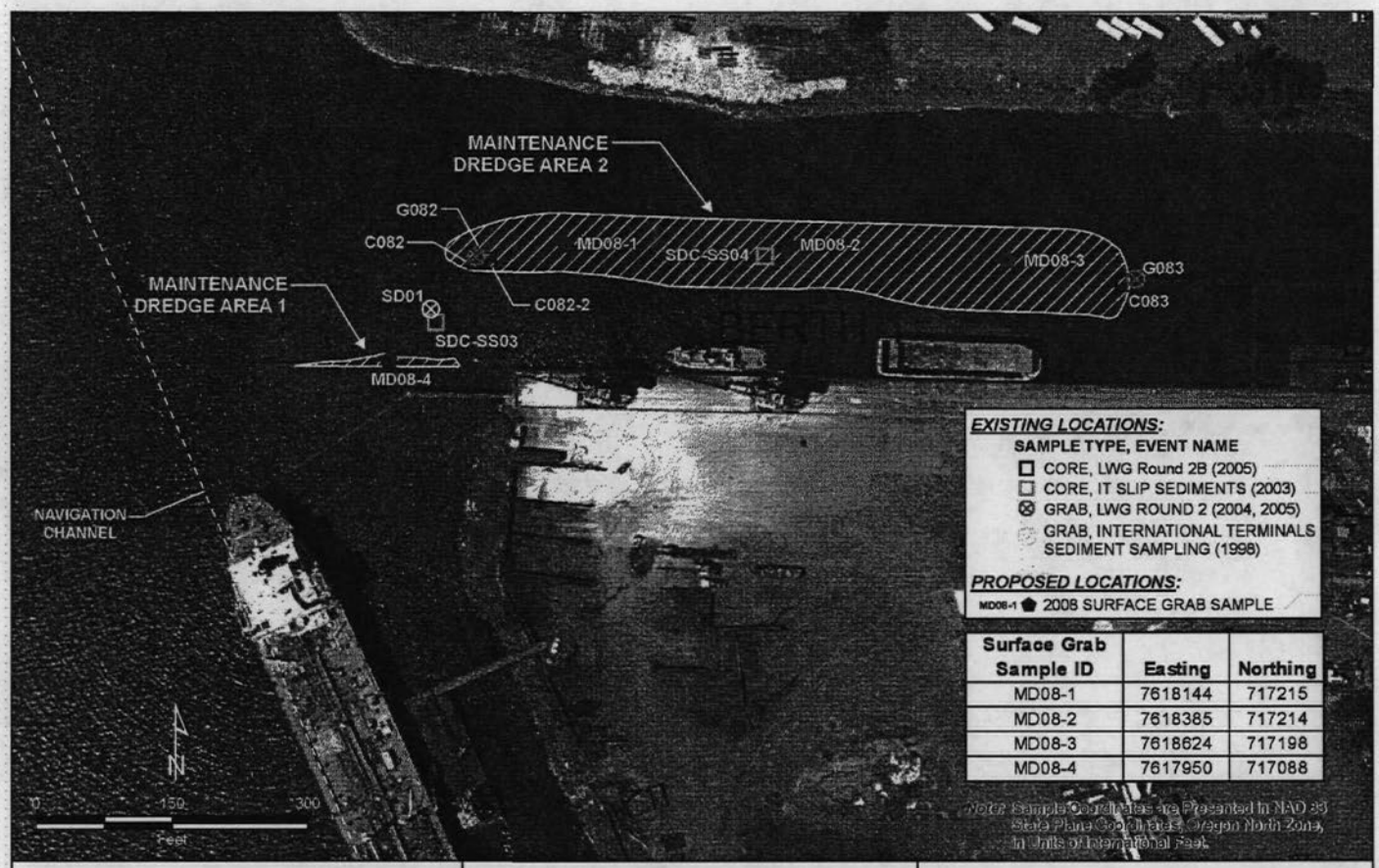
	PURPOSE: MAINTAIN NAVIGATION ACCESS AND BERTHS FOR SHIPS AND BARGES VERTICAL DATUM: COLUMBIA RIVER DATUM (CRD), CRD IS 1.6' ABOVE NGVD AT WILLAMETTE RIVER MILE 3.6 ADJACENT PROPERTY OWNERS: 1. NORTHWEST TERMINAL COMPANY 2. PORT OF PORTLAND	LATITUDE: 45° 36' 41" N LONGITUDE: 122° 46' 42" W HORIZONTAL DATUM: OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD-27), U.S. SURVEY FEET	PROPOSED MAINTENANCE DREDGING AT INTERNATIONAL TERMINALS IN: WILLAMETTE RIVER AT: RIVER MILE 3.6 COUNTY OF: MULTNOMAH APPLICATION BY: SCHNITZER STEEL INDUSTRIES, INC. SHEET 2 OF 3 DATE: 5/29/03

SCHN00320876



PURPOSE: MAINTAIN NAVIGATION ACCESS AND BERTHS FOR SHIPS AND BARGES VERTICAL DATUM: COLUMBIA RIVER DATUM (CRD), CRD IS 1.6' ABOVE NGVD AT WILLAMETTE RIVER MILE 3.6 ADJACENT PROPERTY OWNERS: 1. NORTHWEST TERMINAL COMPANY 2. PORT OF PORTLAND	LATITUDE: 45° 36' 41" N LONGITUDE: 122° 46' 42" W SCALE: AS SHOWN COE NO. 199100099	PROPOSED MAINTENANCE DREDGING AT INTERNATIONAL TERMINALS IN: WILLAMETTE RIVER AT: RIVER MILE 3.6 COUNTY OF: MULTNOMAH APPLICATION BY: SCHNITZER STEEL INDUSTRIES, INC. SHEET 3 OF 3 DATE: 5/29/03

SCHN00320877



Surface Grab Sample ID	Easting	Northing
MD08-1	7618144	717215
MD08-2	7618385	717214
MD08-3	7618624	717198
MD08-4	7617950	717088

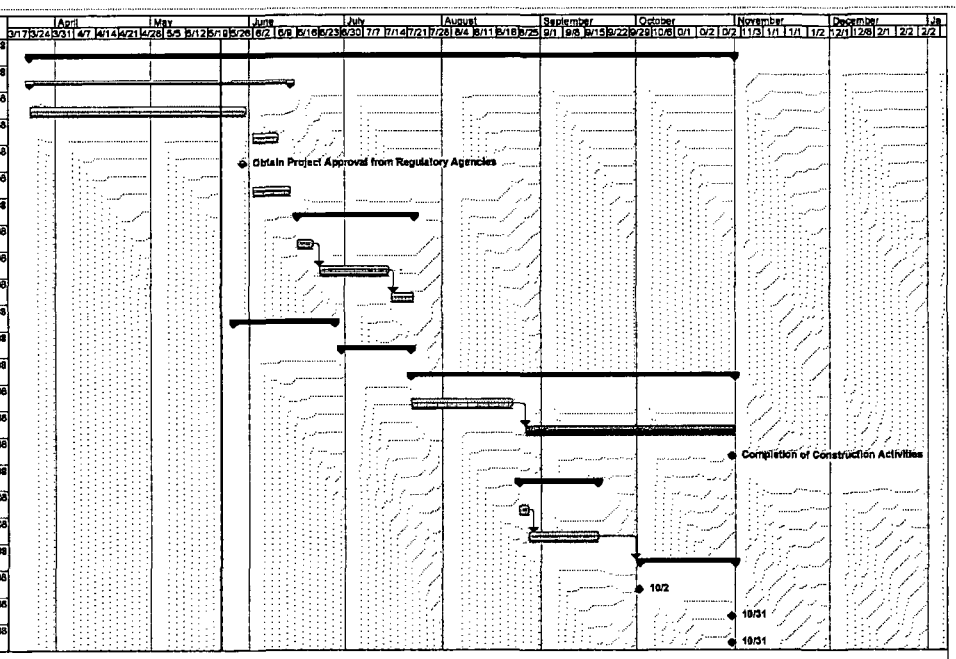
FLOYD | SNIDER
strategy • science • engineering

Schnitzer Steel Industries - International Terminal
Proposed 2008 Maintenance Dredging

Figure 1
Existing Sediment Sample Locations and Proposed 2008 Surface Sample Locations

File: F:\projects\SSI-MD08\GIS\MXD\Figure 1 (Existing and Proposed 2008 Sediment Sample Locations).mxd
5/21/2008 1:54 PM

ID	Task Name	Duration	Start	Finish
1	2008 Maintenance Dredging International Terminals	160 days	Mon 3/24/08	Fri 10/31/08
2	Regulatory Agency Coordination	60 days	Mon 3/24/08	Fri 6/13/08
3	Coordination with PRG and USACE	50 days	Mon 3/24/08	Fri 5/30/08
4	Notification to State Agencies (DSL and DEQ)	6 days	Mon 6/2/08	Mon 6/9/08
5	Obtain Project Approval from PRG	1 day	Fri 5/30/08	Fri 5/30/08
6	Obtain DEQ Solid Waste Authorization	10 days	Mon 6/2/08	Fri 6/13/08
7	Pre-Dredge Surface Sediment Characterization	27 days	Mon 6/16/08	Tue 7/22/08
8	Surface Sediment Sample Collection	5 days	Mon 6/16/08	Fri 6/20/08
9	Laboratory Analyses	16 days	Mon 6/23/08	Mon 7/14/08
10	Coordination with PRG Regarding Results of Sediment Characterization	5 days	Wed 7/16/08	Tue 7/22/08
11	Design and Bid Package Preparation	24 days	Tue 6/27/08	Fri 8/27/08
15	Project Bid and Contracting Support	16 days	Mon 6/30/08	Mon 7/21/08
19	In-Water Work Window	74 days	Tue 7/22/08	Fri 10/31/08
20	Maintenance Dredging Activities	24 days	Tue 7/22/08	Fri 8/22/08
21	Post-Construction Placement of Contingency Cap (Assume 10 days to complete)	48 days	Wed 8/27/08	Fri 10/31/08
22	Completion of Construction Activities	1 day	Fri 10/31/08	Fri 10/31/08
23	Post-Dredge Surface Sediment Characterization	19 days	Mon 8/25/08	Thu 9/18/08
24	Surface Sediment Sample Collection	3 days	Mon 8/25/08	Wed 8/27/08
25	Laboratory Analyses	16 days	Thu 8/28/08	Thu 9/18/08
26	Post-Construction Reporting	22 days	Thu 10/2/08	Fri 10/31/08
27	Sediment Characterization Report (SCR) Submittal to the PRG and USACE	1 day	Thu 10/2/08	Thu 10/2/08
28	Post-Construction Report Submittal to USACE	1 day	Fri 10/31/08	Fri 10/31/08
29	Water Quality Monitoring Report Submitted to DEQ	1 day	Fri 10/31/08	Fri 10/31/08

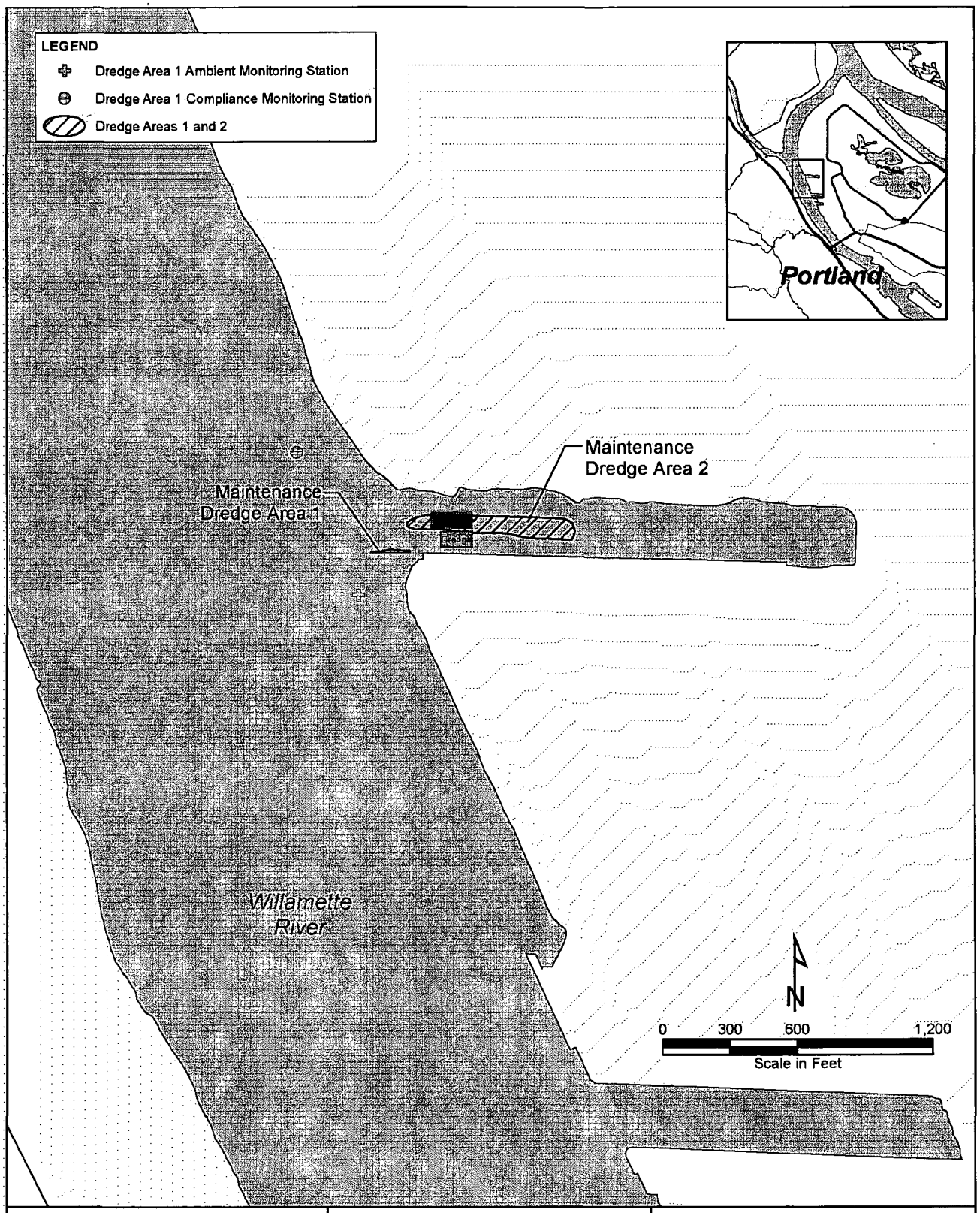


May 23, 2008

Draft Sampling and Analysis Plan
International Terminals--Proposed 2008 Maintenance Dredging

Figure 2
Maintenance Dredging Activities and Reporting Schedule

SCHN00320879



FLOYD | SNIDER
strategy • science • engineering

International Terminal Maintenance Dredging Project Water Quality Monitoring Plan

Figure 4.1
Water Quality Monitoring Locations

File: F:\projects\SSI-MD08\GIS\MXD\Figure 4.1 (Water Quality Monitoring Locations).mxd
5/21/2008 12:55 PM

FLOYD | SNIDER
strategy • science • engineering
Two Union Square ❑ 601 Union Street ❑ Suite 600
Seattle, Washington 98101 ❑ tel: 206.292.2078 ❑ fax: 206.682.7867

DRAFT Sampling and Analysis Plan

To: Mr. James Holm, U.S. Army Corps of Engineers (USACE)
Copies: John Harrie, Schnitzer Steel Inc.
From: Matt Woltman and Jessi Massingale
Date: May 23, 2008
Project No: SSI-MD08
Re: **International Terminals—Proposed 2008 Maintenance Dredging**

This Draft Sampling and Analysis Plan (SAP) presents a recommended plan for sampling surface sediment at the Schnitzer Steel Inc. (SSI) International Terminals (IT) site within two areas where maintenance dredging activities are proposed to be completed in the summer of 2008. Specific details regarding completion of the proposed maintenance dredging activities are discussed in the *Proposed 2008 Maintenance Dredging in Berth 1 Memorandum* (Floyd|Snider 2008a). Additionally, a summary of existing sediment investigations and chemical testing that has been completed at the site to date are discussed in the *Proposed 2008 Maintenance Dredging in Berth 1 Environmental Sediment Summary Memorandum* (Floyd|Snider 2008b).

OBJECTIVE OF PROPOSED SURFACE SEDIMENT SAMPLING

The objective of collecting additional surface sediment samples in 2008 is to provide the Project Review Group (PRG) with recent analytical data that will define the pre- and post-dredge surface sediment conditions within the proposed maintenance dredging areas and to quantify potential dredging residual effects. Additionally, results of the pre-dredge sediment testing and Sediment Evaluation Framework (SEF) freshwater Screening Levels (SLs) will be used as the basis of comparison to the post-dredge sediment surface to determine if additional mitigation measures (i.e., placement of a contingency sand cap) will be necessary following completion of the proposed maintenance dredging activities. Consistent with the conditions of the current permit, dredging will be performed using a clamshell bucket and dredge spoils will be transported to an approved upland disposal facility by barge, truck, or rail.

SURFACE SEDIMENT SAMPLING PROCEDURES AND LABORATORY ANALYSES

Surface sediment sampling procedures and laboratory analyses will be performed in accordance with the following guidelines:

- *Sediment Evaluation Framework for the Pacific Northwest. Interim Final.* (RSET 2006).
- Dredge Maintenance Evaluation Framework for the Lower Columbia River Management Area (USACE; 1998).

Surface Sediment Sampling Procedures

Surface sediment sampling will be completed prior to, and immediately following completion of the proposed maintenance dredging activities at four sample locations (one location in Dredge Area 1 and three locations in Dredge Area 3), as shown on Figure 1. The proposed surface sediment sample locations were selected in coordination with the PRG to meet the project objectives to provide adequate spatial coverage within the proposed 2008 maintenance dredging areas. Coordinate locations for the proposed surface sediment samples are also presented on Figure 1. Additionally, pre- and post-dredge surface sediment samples will be collected at the same locations to allow for an accurate comparison of the two sediment surfaces.

Surface sediment samples will be collected within the top 10 centimeters (cm) of the pre-and post-dredge sediment surfaces. Available sediment grain size data within the two proposed maintenance dredging areas indicate that the grain size of material to be sampled on the two sediment surfaces is predominantly sand with varying amounts of silt.

Laboratory Analyses

Following completion of sediment collection activities, all surface sediment samples will be transported to Analytical Resources Inc. (ARI) and submitted for laboratory analysis of the following suite of chemicals of concern (COCs) as required by the SEF (Table 7.1):

- Metals (USEPA 6010 and 7471)
- Polynuclear Aromatic Hydrocarbons (PAHs) (USEPA 8270)
- Chlorinated Hydrocarbons (USEPA 8270)
- Phthalates (USEPA 8270)
- Phenols (USEPA 8270)
- Miscellaneous Extractables (USEPA 8270)
- Pesticides (USEPA 8081)
- Polychlorinated biphenyls (PCBs) (USEPA 8082)
- Tributyl Tin (TBT) (Krone 1989)

Results of laboratory analyses completed on the pre-and post-dredge surface samples will be compared to SEF Interim Freshwater SL1 criteria as discussed in the Reporting section of this SAP. Additionally, a summary of all current available analytical data compared to the SEF SL1 criteria is provided in the *Proposed 2008 Maintenance Dredging in Berth 1 Environmental Sediment Summary* Memorandum (FloydSnider 2008).

Additional laboratory testing will also be performed on all surface sediment samples for the following conventional parameters:

- Total organic carbon (Plumb 1981)
- Total solids (USEPA 160.3)
- Grain size (Plumb 1981)

Reporting limits and detection limits goals will be less than the SEF SLI criteria. Samples will be analyzed within analytical method holding times. ARI is accredited by both Washington State Department of Ecology (Ecology) and the U.S. Environmental Protection Agency (USEPA).

FIELD QUALITY ASSURANCE AND QUALITY CONTROL

A blind field duplicate will be used to evaluate the efficiency of field decontamination procedures, variability from sample handling, and site heterogeneity. One field duplicate will be submitted and analyzed by the laboratory for all identified sample analyses. Field sampling equipment, such as the sampler, stainless steel bowl and spoon, will be cleaned before and in between each sampling location with an alconox wash and deionized water rinse.

Accurate positioning for sample collection at target sampling locations will be achieved using a Global Positioning System (GPS) with sub-meter accuracy.

Upon collection, samples will be placed in a cooler maintained at a temperature of approximately 4° C using ice or "blue ice." Chain-of-Custody Records and field log forms will be completed.

Appropriate pre-cleaned sample containers will be provided by the analytical laboratory. Upon transfer of the sample possession to the laboratory, the Chain-of-Custody Record will be signed by the persons transferring custody of the sample containers.

BEST MANAGEMENT PRACTICES (BMPS)

BMPs will be used to address the Four Rs of environmental dredging and to minimize potential water quality impacts (USACE, 2008). Activities that occur during maintenance dredging with the potential to impact water and sediment quality include dredging, barge dewatering of sediments, and sediment offloading at a transload facility. There are three types of BMPs that will be employed; dredging BMPs, Sediment dewatering BMPs, and dredge material offloading BMPs. The proposed BMPs that would be used during maintenance dredging and the Water Quality Monitoring Plan (WQMP) are presented in the Attachment 1. Additionally, the current U.S. Army Corps of Engineers Section 10/404 Permit #199100099 and Conditions is provided in Attachment 2.

REPORTING AND CONTINGENCY SAND CAP PLACEMENT

A Sediment Characterization Report (SCR) will be prepared documenting activities associated with collection, homogenizing, transportation, and laboratory analysis of sediment samples. The

report will be submitted to the USACE Permit Manager and PRG following completion of maintenance dredging activities and collection and analysis of post-dredge surface sediment samples activities to assist in the evaluation of the post-dredge sediment surface quality. The report will include the following:

- A brief statement of the purpose of the sediment investigation relative to the proposed maintenance dredging.
- A brief summary of the field sampling and laboratory analytical procedures, referencing this memorandum and any deviations resulting from field conditions.
- A sampling location map. Coordinates (i.e., latitude and longitude or state plane coordinates) will be reported in an accompanying table for the sampling locations.
- Sediment data tables summarizing the chemical and conventional variables, as well as pertinent QA/QC data. The data tables will include sample location numbers and samples, date of sample collection, and whether the sample was a duplicate.
- Comparison of the results of the pre- and post-dredge sampling to the SEF SL1 criteria.
- Copies of field logs (recordings sampling conditions and sample descriptions), as appendices or attachments.
- Copies of signed Chain-of-Custody Records and laboratory data reports, as appendices or attachments.

Schnitzer will include in the SCR an allowance for placement of a 12-inch contingency sand cap over the proposed maintenance dredging areas if post-dredge samples exceed pre-dredge screening levels or contain concentrations that are significantly above concentrations observed in the pre-dredge samples.

Schnitzer will submit the SCR as soon as possible following completion of maintenance dredging activities and collection and analysis of post-dredge surface sediment samples. Given the condensed time frame available between receipt of post-dredge sediment sample analytical data and the completion of the allowable in-water work window, Schnitzer requests that they be allowed to proceed with placement of the 12-inch contingency sand cap in advance of PRG review of the SCR as necessary.

SCHEDULE

The current project schedule is presented in Figure 2 and includes projected timelines for the following tasks to be completed within the allowable in-water work window:

- Regulatory agency coordination for collection and analysis of pre-and post-dredge surface sediment samples;
- Completion of maintenance dredging activities and placement of contingency sand cap as necessary; and
- Post-construction reporting and project closeout.

FIGURES

Figure 1 – Existing Sediment Sample Locations and Proposed 2008 Surface Sample Locations

Figure 2 – Maintenance Dredging Activities and Reporting Schedule

ATTACHMENTS

Attachment 1 - International Terminals Best Management Practices and Water Quality Monitoring Plan (Floyd|Snider, 2008)

Attachment 2 – U.S. Army Corps of Engineers Section 10/404 Permit #199100099 and Conditions.

REFERENCES

FloydSnider. 2008a. *Proposed 2008 Maintenance Dredging in Berth 1 Memorandum.* 8 April.

_____. 2008b. *Proposed 2008 Maintenance Dredging in Berth 1 Environmental Sediment Summary* Memorandum. 8 April.

USACE. 1998. Dredge Maintenance Evaluation Framework for the Lower Columbia River Management Area.

_____. 2008. Dredging Operations and Environmental Research Program. *The Four Rs of Environmental Dredging: Resuspension, Release, Residual, and Risk.* February.

Regional Sediment Management Team (RSET). 2006. Interim Final Sediment Evaluation Framework for the Pacific Northwest. September.

SCHNITZER STEEL INDUSTRIES
BERTHS 1-3

HYDROGRAPHIC SURVEY

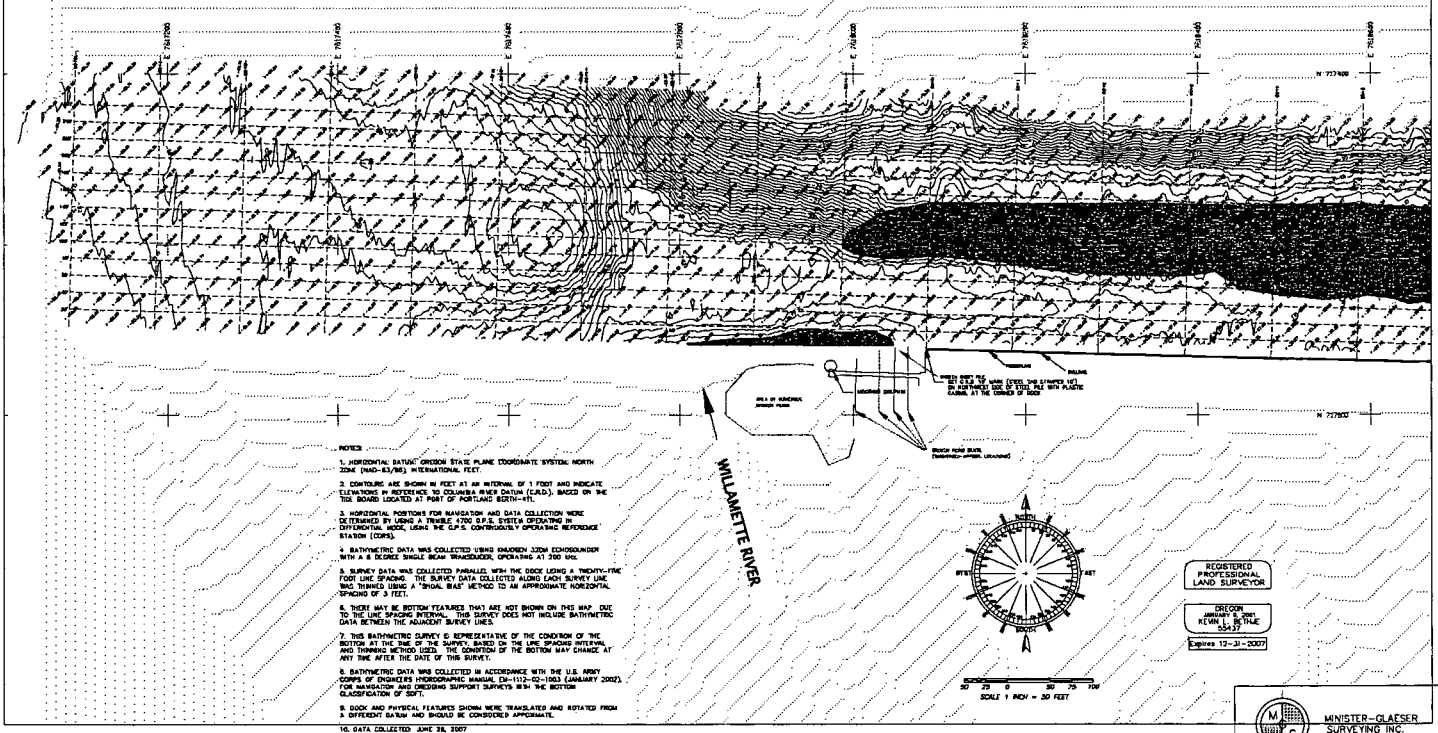
LOCATED ON THE WILLAMETTE RIVER AT RIVER MILE 3.74 +/-

PORTLAND, OREGON

JUNE 28, 2007

MCS JOB# 07-227

DRAWING DATE: JULY 29, 2007



NOTES:

1. HORIZONTAL DATUM: OREGON STATE PLANE COORDINATE SYSTEM NORTH ZONE (NAD-83/98), INTERNATIONAL FEET.

2. CONTOURS ARE SHOWN IN FEET AT AN INTERVAL OF 1 FOOT AND INDICATE ELEVATIONS IN REFERENCE TO COLUMBIA RIVER DATUM (C.R.D.) BASED ON THE TIDE BOARD LOCATED AT PORT OF PORTLAND BERTH-411.

3. HORIZONTAL POSITIONS FOR NAVIGATION AND DATA COLLECTION WERE DETERMINED BY USING A TRIMBLE 4700 G.P.S. SYSTEM OPERATING IN DIFFERENTIAL MODE, USING THE G.P.S. CONTINUOUSLY OPERATING REFERENCE STATION (CORS).

4. BATHYMETRIC DATA WAS COLLECTED USING KNUDSEN 320M ECHOSOUNDER WITH A 6 DEGREE SINGLE BEAM TRANSDUCER, OPERATING AT 200 khz.

5. SURVEY DATA WAS COLLECTED PARALLEL WITH THE DOCK USING A TWENTY-FIVE FOOT LINE SPACING. THE SURVEY DATA COLLECTED ALONG EACH SURVEY LINE WAS THINNED USING A "SHOAL BIAS" METHOD TO AN APPROXIMATE HORIZONTAL SPACING OF 3 FEET.

6. THERE MAY BE BOTTOM FEATURES THAT ARE NOT SHOWN ON THIS MAP DUE TO THE LINE SPACING INTERVAL. THIS SURVEY DOES NOT INCLUDE BATHYMETRIC DATA BETWEEN THE ADJACENT SURVEY LINES.

7. THIS BATHYMETRIC SURVEY IS REPRESENTATIVE OF THE CONDITION OF THE BOTTOM AT THE TIME OF THE SURVEY, BASED ON THE LINE SPACING INTERVAL AND THINNING METHOD USED. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY.

8. BATHYMETRIC DATA WAS COLLECTED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC MANUAL EM-1110-2-1003 (JANUARY 2002), FOR NAVIGATION AND DREDGING SUPPORT SURVEYS WITH THE BOTTOM CLASSIFICATION OF SOFT.

9. DOCK AND PHYSICAL FEATURES SHOWN WERE TRANSLATED AND ROTATED FROM A DIFFERENT DATUM AND SHOULD BE CONSIDERED APPROXIMATE.

10. DATA COLLECTED: JUNE 28, 2007

SCHN00320890

SCHNITZER STEEL INDUSTRIES
BERTHS 1-3

HYDROGRAPHIC SURVEY

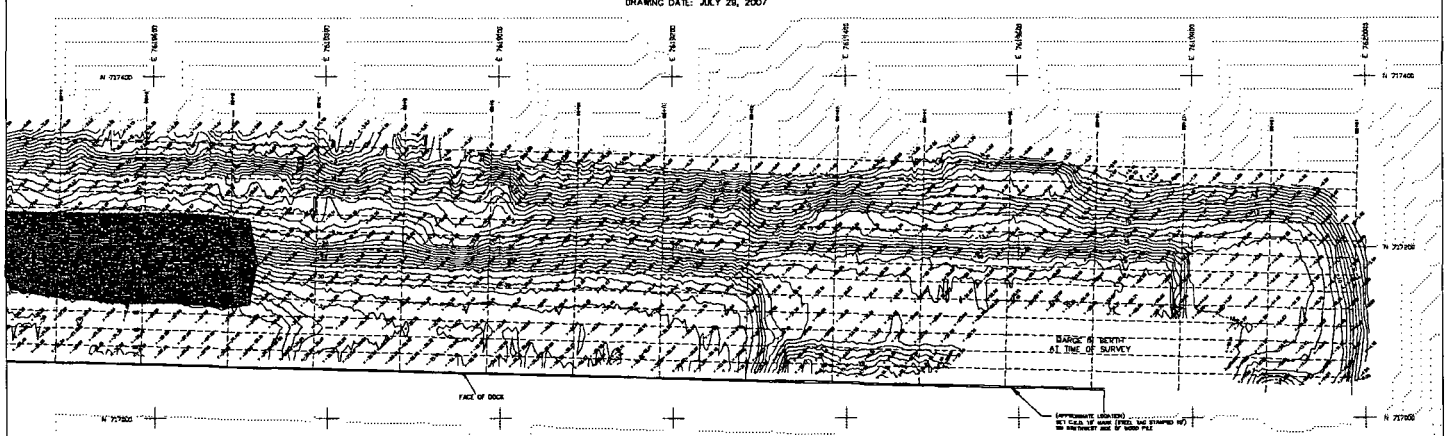
LOCATED ON THE WILLAMETTE RIVER AT RIVER MILE 3.7+/-

PORTLAND, OREGON

JUNE 26, 2007

MGS JOB# 07-227

DRAWING DATE: JULY 29, 2007



NOTES:

1. HORIZONTAL DATUM: OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD-83/98), INTERNATIONAL FEET.

2. CONTOURS ARE SHOWN IN FEET AT AN INTERVAL OF 1 FOOT AND INDICATE ELEVATIONS IN REFERENCE TO COLUMBIA RIVER DATUM (C.R.D.), BASED ON THE TIDE BOARD LOCATED AT PORT OF PORTLAND BERTH-411.

3. HORIZONTAL POSITIONS FOR NAVIGATION AND DATA COLLECTION WERE DETERMINED BY USING A TRIMBLE 4700 G.P.S. SYSTEM OPERATING IN DIFFERENTIAL MODE, USING THE G.P.S. CONTINUOUSLY OPERATING REFERENCE STATION (CORS).

4. BATHYMETRIC DATA WAS COLLECTED USING KNUDSEN 320M ECHOSOUNDER WITH A 8 DEGREE SINGLE BEAM TRANSDUCER, OPERATING AT 200 kHz.

5. SURVEY DATA WAS COLLECTED PARALLEL WITH THE DOCK USING A TWENTY-FIVE FOOT LINE SPACING. THE SURVEY DATA COLLECTED ALONG EACH SURVEY LINE WAS THINNED USING A "SIGNAL BAS" METHOD TO AN APPROXIMATE HORIZONTAL SPACING OF 3 FEET.

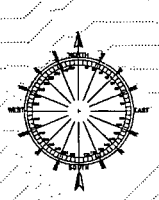
6. THERE MAY BE BOTTOM FEATURES THAT ARE NOT SHOWN ON THIS MAP, DUE TO THE LINE SPACING INTERVAL. THIS SURVEY DOES NOT INCLUDE BATHYMETRIC DATA BETWEEN THE ADJACENT SURVEY LINES.

7. THIS BATHYMETRIC SURVEY IS REPRESENTATIVE OF THE CONDITION OF THE BOTTOM AT THE TIME OF THE SURVEY, BASED ON THE LINE SPACING INTERVAL AND THINNING METHOD USED. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY.

8. BATHYMETRIC DATA WAS COLLECTED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC MANUAL EM-1112-02-1003 (JANUARY 2002), FOR NAVIGATION AND DREDGING SUPPORT SURVEYS WITH THE BOTTOM CLASSIFICATION OF SOFT.

9. DOCK AND PHYSICAL FEATURES SHOWN WERE TRANSLATED AND ROTATED FROM A DIFFERENT DATUM AND SHOULD BE CONSIDERED APPROXIMATE.

10. DATA COLLECTED: JUNE 26, 2007



REGISTERED PROFESSIONAL LAND SURVEYOR

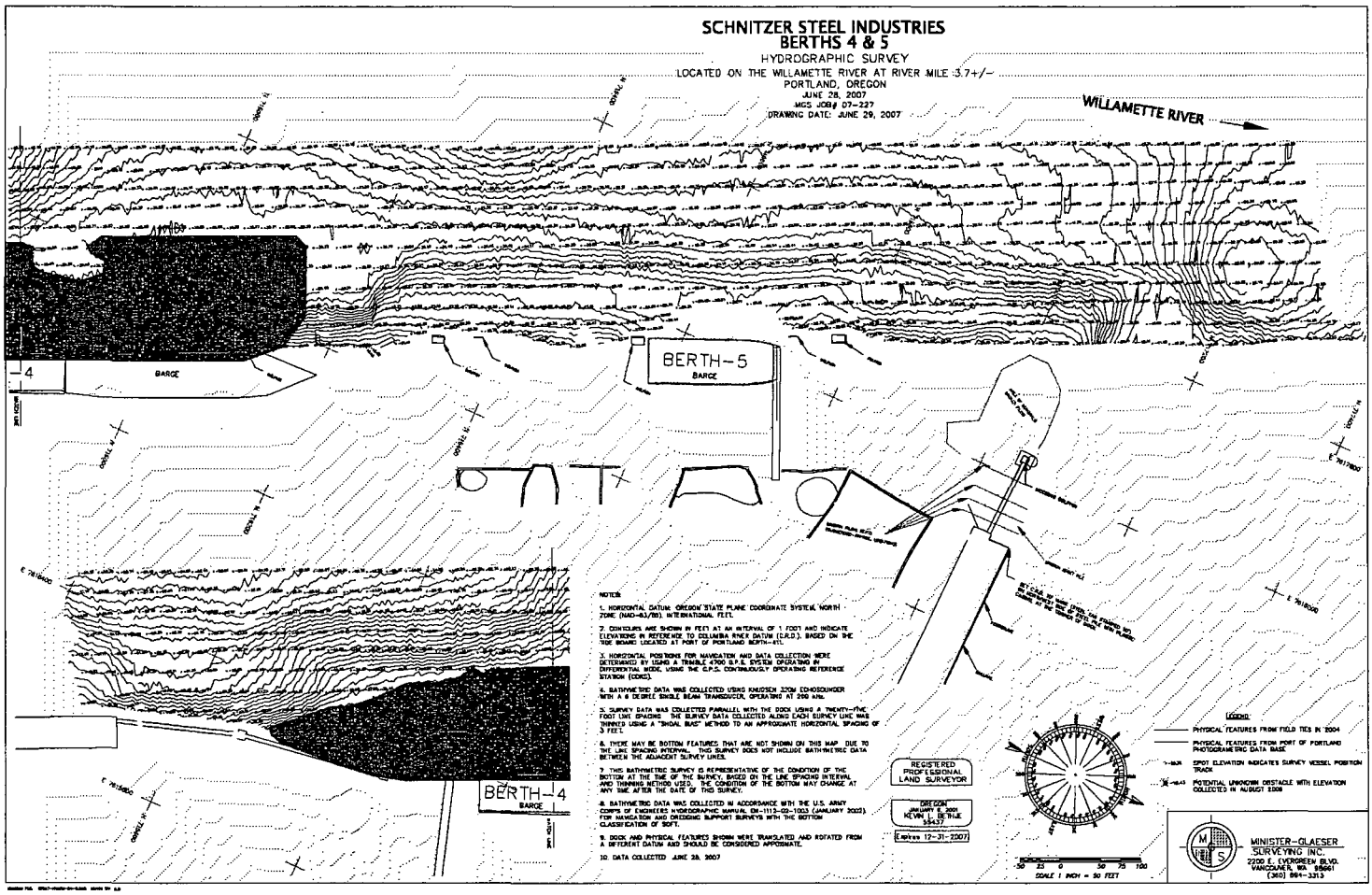
OREGON
JANUARY 9, 2001
KEVIN L. RETHJE
55437

Expires 12-31-2007

SCALE 1 INCH = 50 FEET

MINISTER-GLAESER SURVEYING INC.
2200 E. EVERGREEN BLVD.
VANCOUVER, WA. 98661
(360) 694-3313

SCHN00320891



SCHN00320892

SCHNITZER STEEL INDUSTRIES, INC.
3200 NW Yeon Avenue (97210) PO Box 10047 Portland, Oregon 97296-0047
Phone 503.286.5771 FAX 503.286.6948

December 19, 2007

To Whom It May Concern:

Attached is a contract of compliance form that Schnitzer Steel is required to have signed by all vendors who bring in appliances and auto bodies. Therefore, we are requiring all vendors to sign the new form covering CFC's, PCB's and Mercury Switch Removal. These commodities are entered into our system as codes 191, 192, 193 & 194. Because these codes are also the same codes we use for Tin and light material your name may come up as a vendor who brings in this type of material.

If you do bring in appliances and auto bodies can you please fill out the form and fax (503-286-6948), mail (P.O. Box 10047, Portland, OR 97296 attn: Gloria Christian) or return it to the scale on your next trip.

If you do not bring in appliances or auto bodies can you please fill out the form and write not applicable and fax, mail or return it to the scale on your next rip.

If you have any questions, please call me at (503) 286-6938.

Unfortunately, you will continue to receive this notice until we have a contract of compliance on file for you.

Thank you very much.
Rhonda O'Jones

BRIDGEWATER GROUP, INC.

4500 SW Kruse Way; Suite 110
LAKE OSWEGO, OR 97035
TEL: (503) 675-5252
FAX: (503) 675-1960
rrieke@bridgeh2o.com

April 7, 2008

Mr. Michael Romero
Oregon Department of Environmental Quality
2020 SW Fourth Ave., Suite 400
Portland, OR 97201-4987

Subject: Quarterly Status Report
January through March 2008
Burgard Industrial Park RI Project

This letter presents the quarterly status report for the period January through March 2008 for the Burgard Industrial Park RI project in Portland, Oregon.

Work Completed January through March 2008

- Continued review of site conditions and storm water monitoring data to identify potentially appropriate BMP improvements.
- Submitted quarterly status report to DEQ on February 4, 2008.

Activities Planned April through June 2008

- Continued review of site conditions and storm water monitoring data to identify potentially appropriate BMP improvements.
- Prepare quarterly status report.

Sampling, Test Results, and Other Data Generated January through March

Sampling, test results, and other data generated during the reporting period were, or will be, presented in project deliverables submitted to DEQ.

Problems Experienced January through March

No problems were encountered during the reporting period.

Please call if you have any questions.

Sincerely,

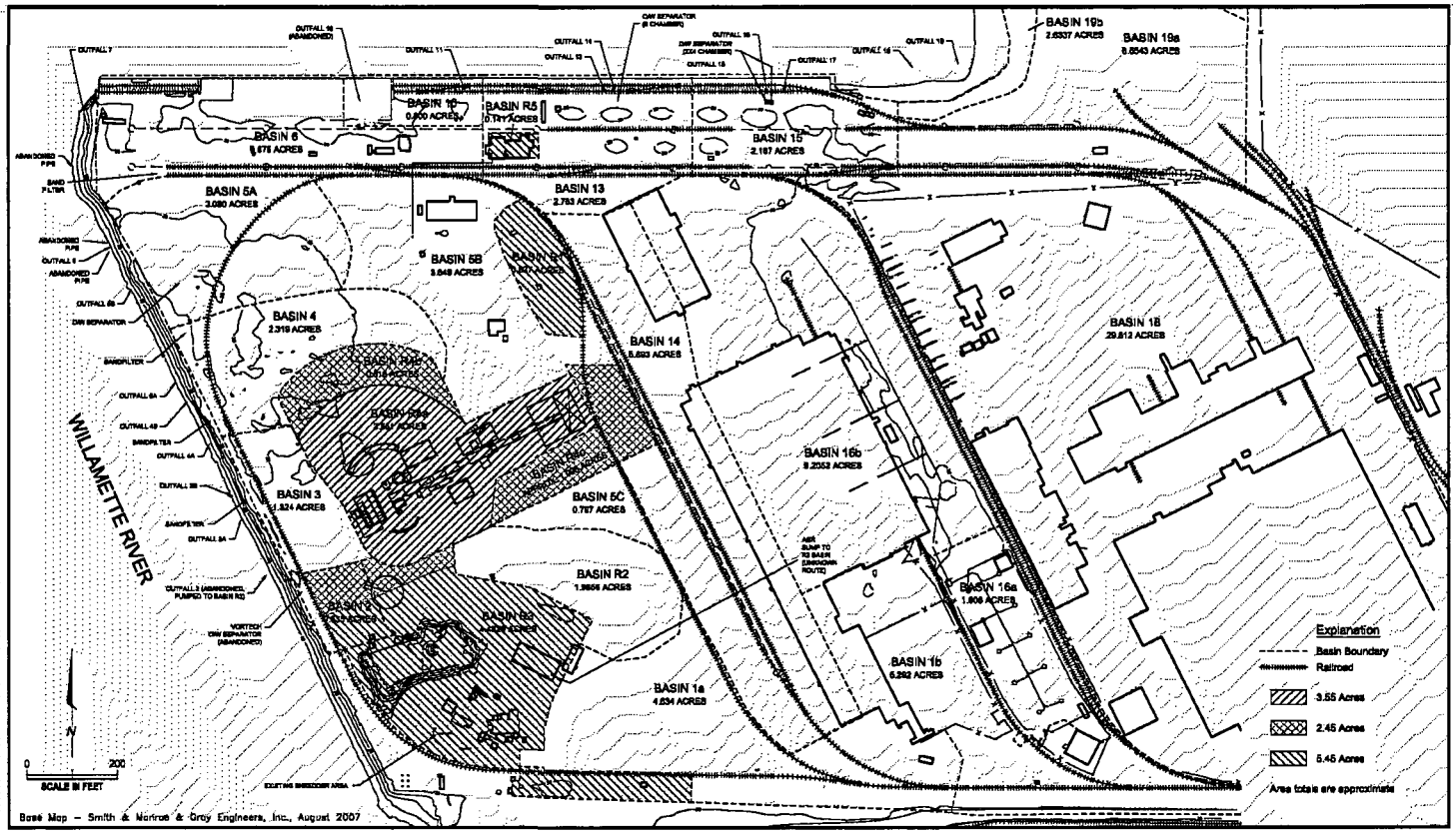
BRIDGEWATER GROUP, INC.

Ross D. Rieke, P.E.
Vice President
Environmental Consultant

cc: Mat Cusma/Schnitzer

Live Search Maps

Oversize Document Reduced for Production Purposes.
Full-size Available Upon Request



PES Environmental, Inc.
Engineering & Environmental Services

Process Water Drainage Areas
Schnitzer Steel Industries
Portland, Oregon

PLATE
1

JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE
835.009.01.001	835009_stwtr		1/08

SCHN00320964

Thomas Gray and Associates, Inc.

1205 WEST BARKLEY AVE.
ORANGE, CA 92868
PH: 714-997-8090
FAX: 714-997-3561
www.tgainc.com

April 7, 2008

Schnitzer Steel, Inc.
12005 N. Burgard Way
Portland, OR 97203

RE: Radioassay of scrap items

Introduction

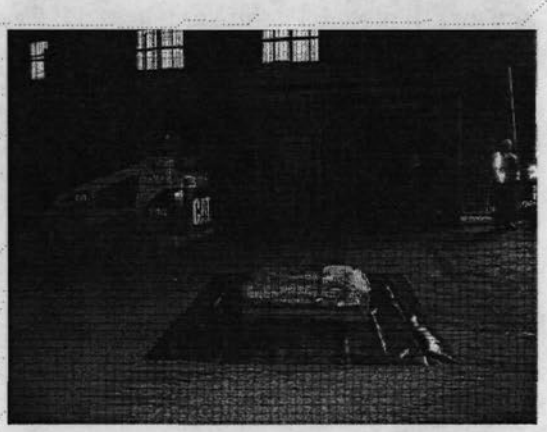
Thomas Gray & Associates, Inc. (TGA) was contacted with regard to radiological incident RPS-08-0025 with permission from Schnitzer Steel at their St. Johns facility. The suspect scrap items had been offloaded from a Canadian scrap metal barge which consequently alarmed portal radiation detectors. Oregon Public Health Division / Office of Environmental Public Health / Radiation Protection Services (RPS) had been working with Schnitzer Steel to evaluate public and occupational health concerns. Oregon RPS' preliminary investigation work, in conjunction with experts from two nuclear gauge manufacturers, determined that two pieces of the suspect scrap appeared to be sheared sections of one Ohmart/VEGA SHRM-BW Gamma Gauge. The third item was identified as a Kay-Ray/Sensall 7019 belt scale device. For purposes of disposal TGA concurred and operated under the assumed identities of the scrap items.

TGA was contacted to facilitate packaging, transport, and disposal of the 3 suspect items. On Monday, March 31, 2008 TGA traveled to Schnitzer Steel, 12005 N. Burgard Way, Portland, OR at the request of Mr. Mat Cusma of Schnitzer Steel. Schnitzer Steel does not possess a specific radioactive materials license.

TGA on-site personnel consisting of TGA's Radiation Safety Officer and a health physics consultant from Northwest Radiation Services, Inc. performed on-site packaging of the suspect scrap items into DOT approved shipping containers.

Procedures

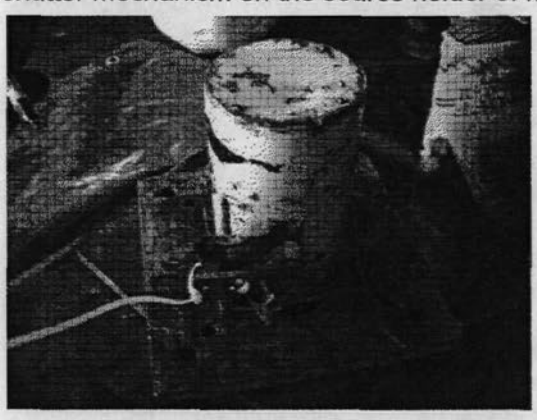
A Bicron MicroRem LE (s/n: 1230) survey meter, calibrated on 10/01/2007, was used to determine a work area with sufficiently low background readings. Once a background of 5 µR/hr was established, a 2 mil tarp was laid down for utilization as a work area. Scrap items had been stored in a secure area, wrapped in plastic upon a wooden pallet. The pallet was moved to the tarped area so work could proceed. Personal protective equipment (PPE) consisted of Tyvek® suits, safety glasses, high visibility vests, hard hats, nitrile gloves under latex/Kevlar coated work gloves, and



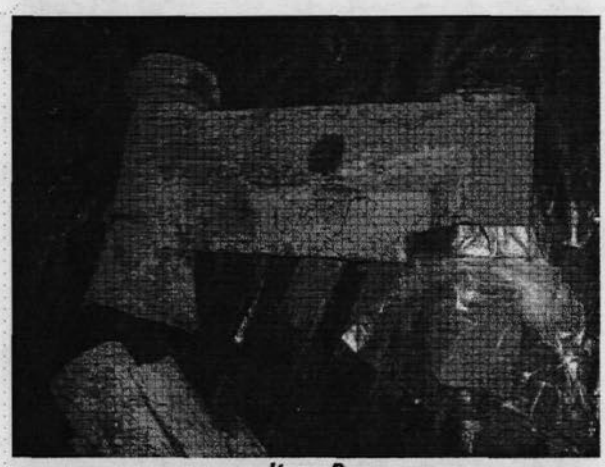
steel toed shoes. A calibrated Ludlum Model 3 (s/n 132909) with 44-9 GM pancake probe was used for surveying items that came in direct contact with the scrap items.

The three scrap items were first given item numbers. The Kay-Ray/Sensall source holder is further known as **Item 1**, the C-shaped section of the Ohmart gamma gauge is known as **Item 2**, and the straight section of the Ohmart gamma gauge is **Item 3**. The SSD sheets for the 3 items indicated loads of Cs137 or Co60 sources in various activity configurations. Using a Canberra Inspector 1000 gamma spectra were taken of each item to verify the radioactive material as Cs137 (661 keV). A sample of the data from Item 2 is appended to the end of this report.

Using a Ludlum Model 14C (s/n 177529) with 44-6 energy compensating probe, an initial survey was conducted of all 3 items to determine areas of elevated radiation. At this time it was verified that the shutter mechanism on the source holder of Item 1 was partially or completely open. A dose rate in excess of 100 mR/hr was observed on the lower face. Dose rates from the sides and back of the source holder did not exceed 0.75 mR/hr at the surface. After bending a torn piece of metal away from the shutter arm, TGA was able to close the shutter. Due to the questionable reliability of the shutter mechanism, a 1" thick, 12" x 12" plate of lead was bolted the bottom of the source holder. A cable tie was looped through the shutter arm to secure the shutter in the closed position. Once secured, Item 1 was placed in a 30-gal 7A steel drum and braced for transport. Maximum dose rate on contact with the drum was 0.6 mR/hr. The drum for Item 1 was given the Drum ID #T1258-D01

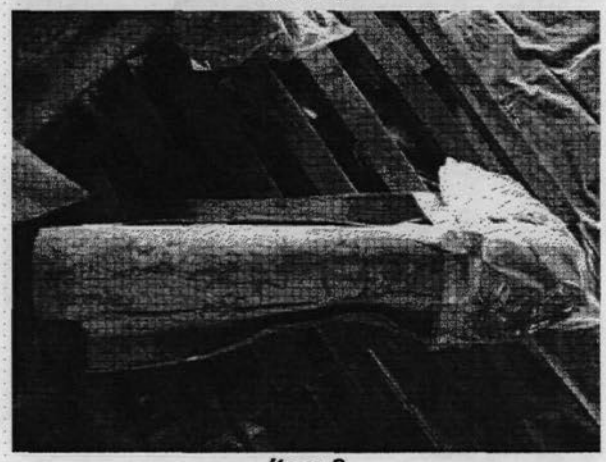


Item 2 and Item 3 were surveyed along various points with a Bicron MicroRem to determine dose rates with greater sensitivity. The sheared ends of Item 2 and Item 3 contributed to the most significant sources of radiation. Based upon the SSD sheet for the SHRM-BW device, point sources were used in conjunction with lead spacers to simulate strip sources with a 21" active area with no more than 200 mCi total. Aside from the sheared end, the rest of the device appeared to be intact and it is therefore assumed the remaining sources are in place and intact. Without knowledge of the exact device identity and original activity, it is impractical to assay the device to a greater degree for purposes of disposal. Accounting for partial decay and loss of material Item 2 and Item 3 individually contain Cs137 activity approximately 75 mCi not to exceed 100 mCi. Two plastic liners were placed over each sheared end and cable tied in place. Each item was packaged into separate 85-gallon 7A steel drums. The drum for Item 2 was given the drum ID #T1259-D02 weighing 410 lbs. The drum for Item 3 was given the drum ID #T1259-D03 weighing 274 lbs.

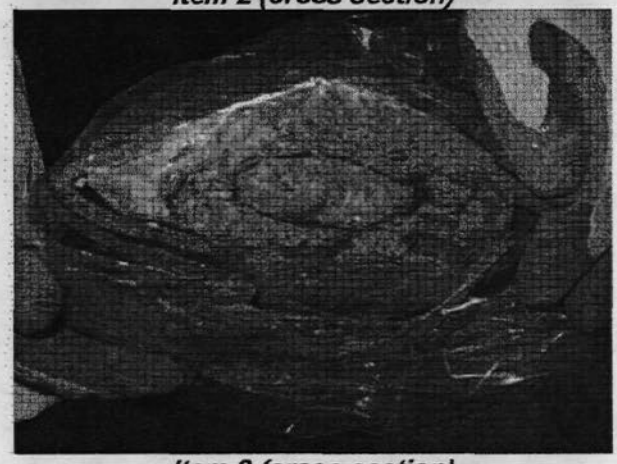


Item 2

Item 2 (cross section)



Item 3



Item 3 (cross section)

At the conclusion of packaging the empty pallet was surveyed for release using a Ludlum Model 3 (s/n 132909) with 44-9 pancake probe. No readings above background were detected. The tarp under the work area and all PPE were packaged inside the drum containing Item 2 for disposal as contaminated dry waste. Oregon RPS took wipe samples of storage area floor and determined no removable contamination was present using a NaI detector. TGA conducted wipe samples of the transportation containers and using a Beckman LS6500 liquid scintillation counter determined no removable contamination was present. The LSC results are appended to the end of this report.

TGA closed up all transport containers and placed steel security seals on each drum. The containers were stored in a secure storage area provided by Schnitzer Steel. Radiation levels outside of the secure storage area were measured by RPS and RPS determined no risk was present to Schnitzer employees.

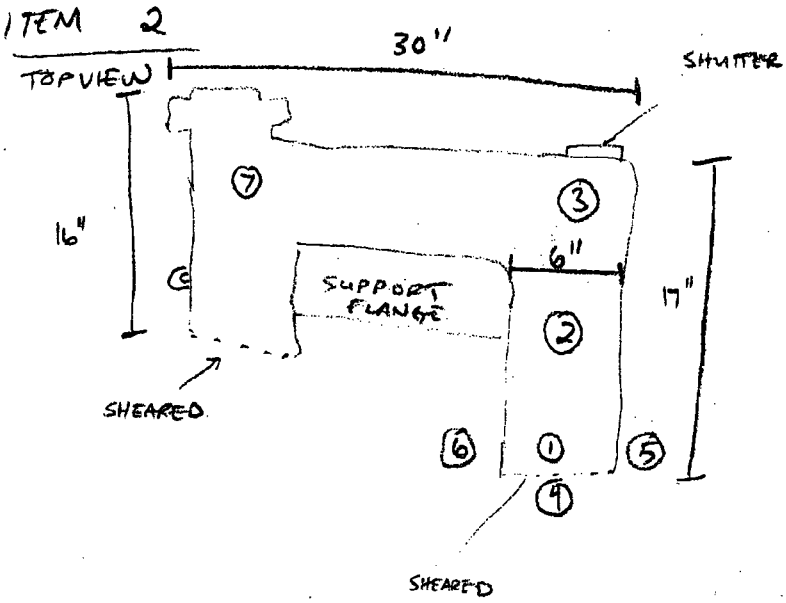
Comments

A TGA vehicle picked up the (3) drums from Schnitzer Steel on Friday, April 4, 2008. Appropriate shipping documents, markings and labels were provided. Item 2 and Item 3 were shipped to Environmental Management & Controls (CA Radioactive License #3546-50) for processing and final disposal at Energy Solutions in Clive, Utah utilizing macro-encapsulation.

François Dagenais of the Canadian Nuclear Safety Commission has contracted with TGA to have Item 1 trans-shipped to Thermo Fisher Scientific (TX Radioactive License #L03524) for source capsule removal.

Jose-Luis Cueva
Director of Technical Services

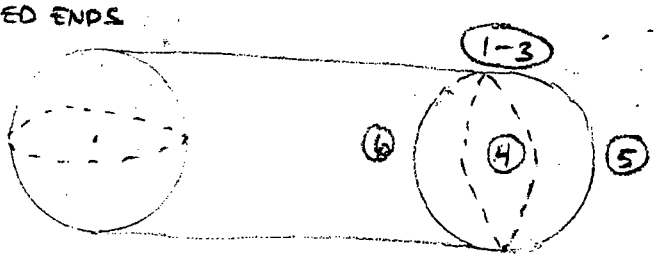
ITEM 2



All readings @ 10c
BG 0.005 mR/hr

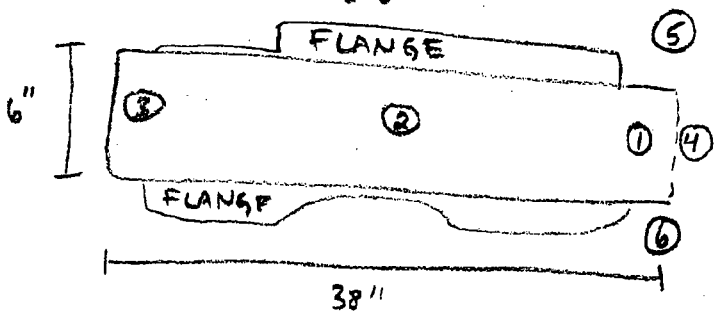
1. 0.3 mR/hr
2. 0.09 mR/hr
3. 0.055 mR/hr
4. 9.0 mR/hr
5. 4.5 mR/hr
6. 0.2 mR/hr
7. 0.01 mR/hr
8. 0.01 mR/hr

SIDE VIEW
FACING SHEARED ENDS

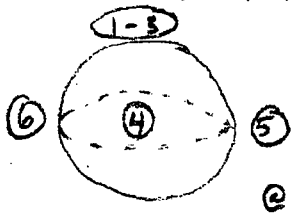


ITEM 3

TOP VIEW



SIDE VIEW
FACING SHEARED END

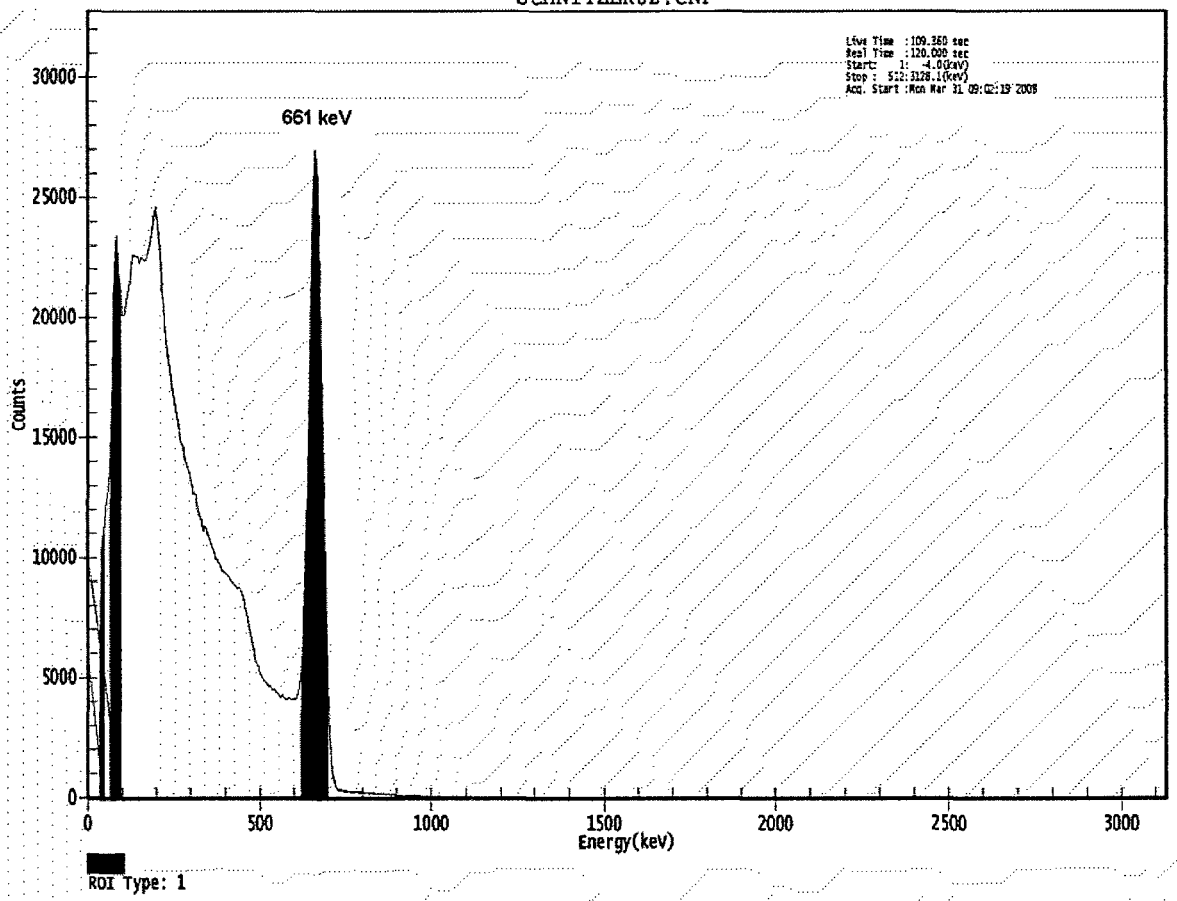


@ 10cm

1. 0.3 mR/hr
2. 0.2 mR/hr
3. 0.095 mR/hr
4. 4.0 mR/hr
5. 0.7 mR/hr
6. 0.7 mR/hr

- DOTTED LINES REPRESENT SHEARED EDGES OF PIPE
- PIPE WALL THICKNESS ~ 1/8"
- INTACT OUTER LEAD JACKET ~ 1" THICKNESS
- INNER EPOXY/LEAD CORE APPROX 2-3" THICK

SCHNITZER02.CNF



SCHN00320989

PAGE: 1

ID: DRUM WIPES 7 APR 2008 13:35

USER: 2 COMMENT: SURFACE CONTAMINATION

PRESET TIME :	5.00						
DATA CALC :	DL DPM	H#	:YES	SAMPLE REPEATS:	1	PRINTER	:EDIT
COUNT BLANK :	NO	IC#	: NO	REPLICATES :	1	RS232	: OFF
TWO PHASE :	NO	AQC	:YES	CYCLE REPEATS :	1		
SCINTILLATOR:	LIQUID	LUMEX	:YES	LOW SAMPLE REJ:	0		
LOW LEVEL :	NO	HALF LIFE CORRECTION DATE:				none	

ISOTOPE 1:	3H	%ERROR:	0.00	FACTOR:	1.000000	BKG. SUB:	0
ISOTOPE 2:	14C	%ERROR:	0.00	FACTOR:	1.000000	BKG. SUB:	0
WIDE OPEN WINDOW		%ERROR:	0.00	FACTOR:	1.000000	BKG. SUB:	0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off

Quench Limits Low:10.789 High:308.81

POS	TIME MIN	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	RATIO	LUMEX %
2-1	5.00	44.4	8.80	18.20	49.40	7.39	23.50	0.315	22.81
MISSING SAMPLE									
2-3	5.00	79.9	10.20	12.80	42.60	13.73	16.81	0.817	41.41
2-4	5.00	67.0	14.20	17.00	49.60	18.55	22.16	0.837	18.11
2-5	5.00	69.5	8.00	14.60	46.00	8.12	19.10	0.425	22.61

RESULTS REVIEWED & VERIFIED

signature 4/7/08 date

Analytical debris waste (dry) released to rad waste collection.

2-3 T1258 - D01
2-4 T1259 - D02
2-5 T1259 - D03

SCHN00320990

CENWP-PM-E

Memorandum for: Portland District Regulatory

Date: May 19, 2008

Subject: Project Review Group Review for Project - NWP-1991-99 Schnitzer Investment Corporation

The Schnitzer Investment Corporation (SIC) is requesting to perform maintenance dredging under an existing Department of the Army, Corps of Engineers permit to perform maintenance dredging in Portland Harbor adjacent to the Willamette River at river mile 3.5. SIC is proposing to dredge approximately 7,200 cy of material from within the permitted dredge area. There are two dredge areas: Dredge Area 1 - 100 cy; Dredge Area 2 - 7100 cy. Prior sampling and available data are adequate enough to determine that the dredged material will need to go upland to a confined disposal facility, however additional sampling is necessary to account for possible dredging residuals.

The Project Review Group (PRG) has reviewed the historical data summary submitted by SIC and found that the document does not meet the Northwest Regional Sediment Evaluation Framework (SEF) data recency guidance. A draft SAP must be submitted since the area is a known contaminated site. The following recommendations must be incorporated into the SAP:

1. Pre- and post-dredge grab samples shall be taken to quantify dredging residual effects.
2. At Dredge Area 1, SIC shall take 1 pre- and 1 post-dredge grab samples.
3. At Dredge Area 2, SIC shall take 3 pre- and 3 post-dredge grab samples.
4. Post-dredge confirmation samples shall be taken at the same sampling locations as the pre-dredging samples.
5. SIC shall conduct a comparison of the pre- and post-dredge analyses using the SEF fresh water screening levels (SLs), and SIC shall test for entire suite of chemicals of concern found in table 7-1 of the SEF.
6. The SAP must contain appropriate BMPs to minimize re-suspension and release of return water into the Willamette River, and a project schedule to ensure that all project components are completed within the July 1 to October 31 in-water work period (IWWP).
7. SIC shall perform pre-dredge sampling and analysis as soon as possible, prior to commencement of dredging.
8. SIC shall include in their SCR a plan for placement of a contingency cap (sand, 12 inches thick) if post-dredge samples exceed pre-dredge SLs or are significantly above pre-dredge samples.
9. SIC shall submit their sediment characterization report (SCR) to the PRG at least 45 days prior to the end of the IWWP (October 31) so the PRG can direct a management decision.

The Oregon Department of Environmental Quality has also made the following recommendation:

1. A Solid Waste Letter of Authorization or clean fill determination is required from DEQ Solid Waste for upland disposal of the dredged material. Contact Judy Coffman of DEQ's NWR at (503) 229-5157.

The PRG team members that reviewed your project were: James McMillan, Portland District Corps of Engineers; Dan Gambetta, National Marine Fisheries Service and Genet Belete, the Oregon Department of Environmental Quality.

If either the Corps regulatory project manager or the applicant has any questions regarding this decision, please feel free to contact Marci Cook at (503) 808-4765 or via e-mail at: marci.e.cook@usace.army.mil.

James McMillan, Sr. Regulatory Project Manager
for Marci Cook, PRG Coordinator

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO.: NR-522-D-814-S DATE: MAR 16 1992

DEVICE TYPE: Source Housing

MODEL: SHRM-48

MANUFACTURER/DISTRIBUTOR: Ohmart Corporation
4241 Allendorf Drive
Cincinnati, OH 45209

SEALED SOURCE MODEL DESIGNATION: Ohmart Model: A-5771

ISOTOPE:	MAXIMUM ACTIVITY:
Cesium-137	350 millicuries

LEAK TEST FREQUENCY: 36 Months

PRINCIPAL USE: (D) Gamma Gauge

CUSTOM DEVICE: _____ YES ___X___ NO

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

DEVICE TYPE: Source Housing

DESCRIPTION:

The Model SHRM-48 source housing consist of an off-center source tube mounted in a rotary shutter which moves through 180° between the ON/OFF positions. The source tube contains a strip source up to 48" in length. The unit is of heavy steel construction with the outer housing welded and uses lead shielding. The overall length of the unit is approximately 55 inches. The unit is mounted on the side of tanks or vessels.

The shutter mechanism is operated by a knob located at the top of the inner rotating cylinder. An arrow points to the words "ON" and "OFF".

DIAGRAMS:

An engineering drawing of the source housing is shown in attachment 1.

LABELING:

The source housings are labeled in accordance with Section 20.203, 10 CFR Part 20. The label contains the radiation symbol, isotope, activity, model number, serial number, name of manufacturer, and the words "CAUTION-RADIOACTIVE MATERIAL".

The labels are made of stainless steel and are permanently attached by rivets or screws to the source housing.

CONDITIONS OF NORMAL USE:

The source housings are intended for use in industrial gauging applications as level devices. They are mounted vertically to the sides of tanks or vessels by straps and bolted in place. The source housings are designed to withstand normal operating found in industrial environments and can withstand a maximum temperature of 600°F (315°C).

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

DEVICE TYPE: Source Housing

CONDITIONS OF NORMAL USE (Cont.):

Typical environmental conditions for the source housings are as follows:

Temperature.....-40°C to 60°C (-40°F to 140°F)
Pressure.....Atmospheric
Vibration.....Mild
Corrosion.....Mildly corrosive vapors

PROTOTYPE TESTING:

The source housings have been manufactured and distributed under an NRC specific license by the Ohmart Corporation since 1965 with no incidents of failures related to radiological safety.

EXTERNAL RADIATION LEVELS:

The manufacturer reports that the radiation levels from the source housings are controlled with shielding such that the levels do not exceed 5 mR/hr at 12 inches from the surface of the housing.

QUALITY ASSURANCE AND CONTROL:

The Ohmart Corporation maintains a quality assurance and control program which has been deemed acceptable for licensing purposes by NRC. A copy of the program is on file with the Medical, Academic, and Commercial Use Safety Branch.

LIMITATIONS AND/OR OTHER CONSIDERATIONS OF USE:

- The source housings shall be distributed to persons specifically licensed by the NRC or an Agreement State.
- The source housings may be mounted by the user provided the shutter is locked in the "OFF" position, they follow the Ohmart Corporation's safety instructions, and they are licensed to mount the source housing.

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

DEVICE TYPE: Source Housing

LIMITATIONS AND/OR OTHER CONSIDERATIONS OF USE (Cont.):

- Administrative procedures must be established to insure that when vessels or pipes are not in use that the source is returned to the shielded position and secured until the pipe or vessel is again filled and radiation levels in accessible areas are acceptable.
- Handling, storage, use, transfer, and disposal: To be determined by the licensing authority.
- The source housings shall be leak tested at intervals not to exceed 36 months using techniques capable of detecting 0.005 microcurie of removable contamination.
- This registration sheet and the information contained within the references shall not be changed without the written consent of the NRC.

SAFETY ANALYSIS SUMMARY:

Since the effective date of this document, the Model SHRM-48 source housings are not current products manufactured by the Ohmart Corporation. However, the source housings are handled in repairs, source replacements, and disposals.

Based on review of Ohmart Corporation's source housings, Model SHRM-48, and the information and test data cited below, we continue to conclude that the source housings are acceptable for licensing purposes.

Furthermore, we continue to conclude that the source housings would be expected to maintain their containment integrity for normal conditions of use and accidental conditions which might occur during uses specified in this certificate.

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO.: NR-522-D-814-S DATE: MAR 16 1992

DEVICE TYPE: Source Housing

REFERENCES:

The following supporting documents for the Model SHRM-48 source housings are hereby incorporated by reference and are made a part of this registry document.

- Ohmart Corporation's letters dated July 12, 1991, and November 1, 1989, with enclosures thereto.

ISSUING AGENCY:

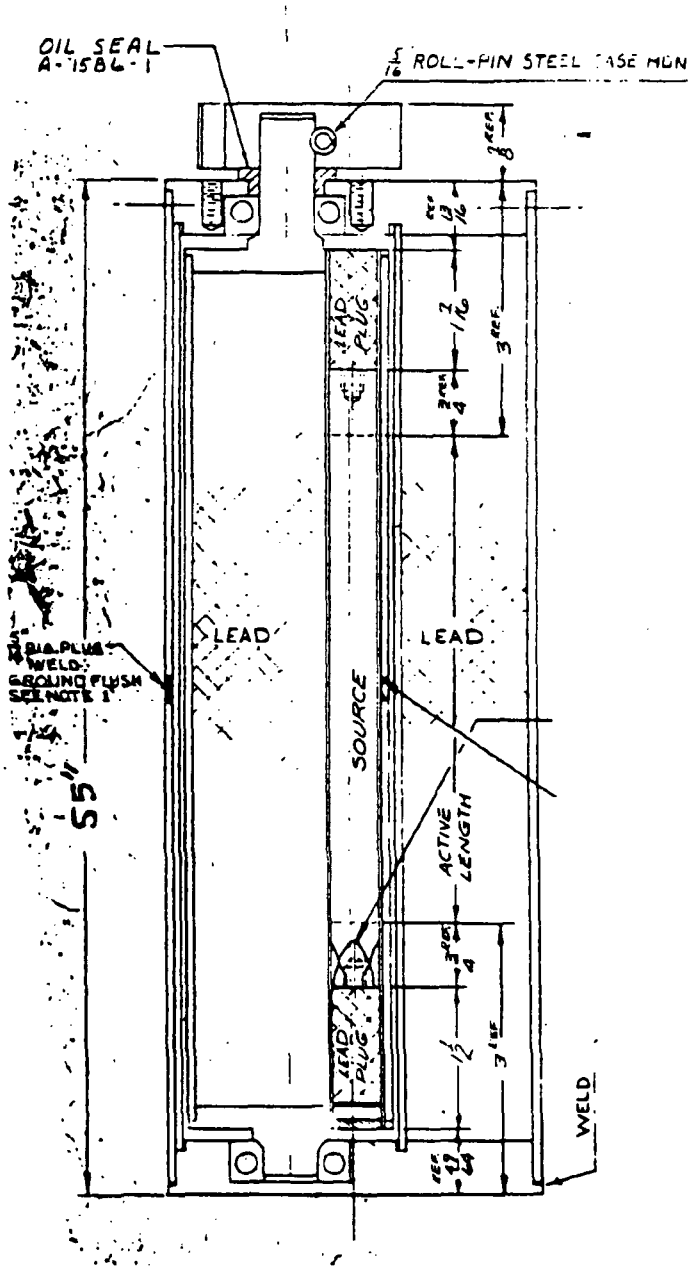
U.S. Nuclear Regulatory Commission

Date: MAR 16 1992 Reviewer: _____

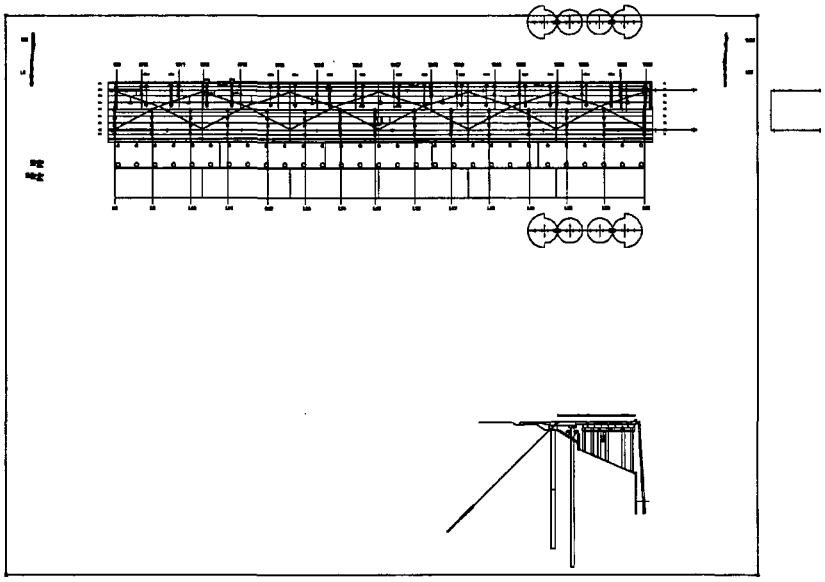
Date: MAR 16 1992 Concurrence: _____

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

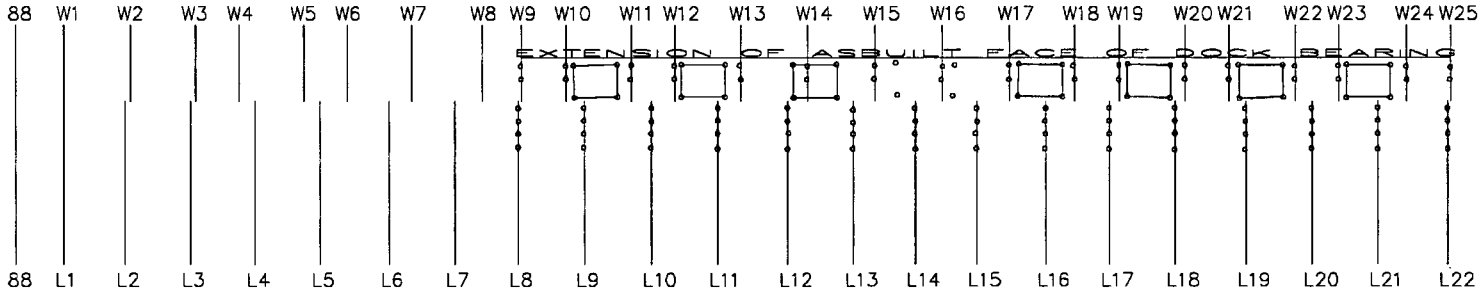
NO.: NR-522-D-814-S DATE: MAR 16 1992 ATTACHMENT 1



SCHN00321156



SCHN00321181



SCHN00321182

ADVANCED AMERICAN
DIVING SERVICE, INC.
415 S. McLoughlin Blvd., P.O. Box 1630
Oregon City, Oregon 97045
503-650-8207 Fax 503-650-8230

TRANSMITTAL FORM

To: Schnitzer Steel Industries, Inc.
3200 NW Yeon Ave.
Portland, OR 97296
Ph: 503-286-6982
Fax: 503-471-4418
Attention: James Wilson

Date: 9/26/05 **Job No:** 1105-531
Job Name: Berth 1 Dock Construction
Job Location: Portland, OR
RE: Minor Plan Revisions Confirmation
Transmittal/Submittal Number: RFI-037

We are sending you herewith the following items:

- [ ] Plans
- [ ] Specifications
- [ ] Prints
- [ ] Shop Drawings
- [ ] Samples
- [ ] Catalogue Cuts
- [ ] Purchase Order
- [ ] Change order
- [x] Other List of Minor Revisions

Copies		Dated	No.	Description
6		9/26/05		Minor Plan Revisions Confirmation

These items are transmitted as checked below:

- [x] For approval
- [x] For your use
- [ ] As requested
- [ ] For review and comment
- [ ] Approved as submitted
- [ ] Approved as noted
- [ ] Returned for corrections
- [ ] _____

REMARKS: Please see attached spreadsheet for minor plan revisions discussed and verbally agreed to. Please confirm acceptance of these revisions. Materials have already been ordered accordingly (i.e. Metal Deck).

Copy To: File

Signed: Jim Daubersmith

CENWP-PM-E

Memorandum for: Portland District Regulatory

Date: May 29, 2008

Subject: Project Review Group Second Draft Sampling and Analysis Plan Review for Project - NWP-1991-99 Schnitzer Investment Corporation

The Schnitzer Investment Corporation (SIC) is requesting to perform maintenance dredging under an existing Department of the Army, Corps of Engineers permit to perform maintenance dredging in Portland Harbor adjacent to the Willamette River at river mile 3.5. SIC is proposing to dredge approximately 7,200 cy of material from within the permitted dredge area. There are two dredge areas: Dredge Area 1 - 100 cy; Dredge Area 2 - 7100 cy. Prior sampling and available data are adequate enough to determine that the dredged material will need to go upland to a confined disposal facility, however additional sampling is necessary to account for possible dredging residuals.

The PRG provided a decision document to SIC on May 19, 2008. SIC provided the PRG with a revised SAP which incorporated all of the PRG's comments. The revised SAP meets the Interim SEF guidance and the applicant may proceed with sampling.

The PRG team members that reviewed your project were: James McMillan, Portland District Corps of Engineers; Dan Gambetta, National Marine Fisheries Service and Alex Cyril, the Oregon Department of Environmental Quality.

If either the Corps regulatory project manager or the applicant has any questions regarding this decision, please feel free to contact Marci Cook at (503) 808-4765 or via e-mail at: marci.e.cook@usace.army.mil.

Marci Cook
PRG Coordinator

SCHNITZER STEEL INDUSTRIES
BERTHS 1-3

HYDROGRAPHIC SURVEY

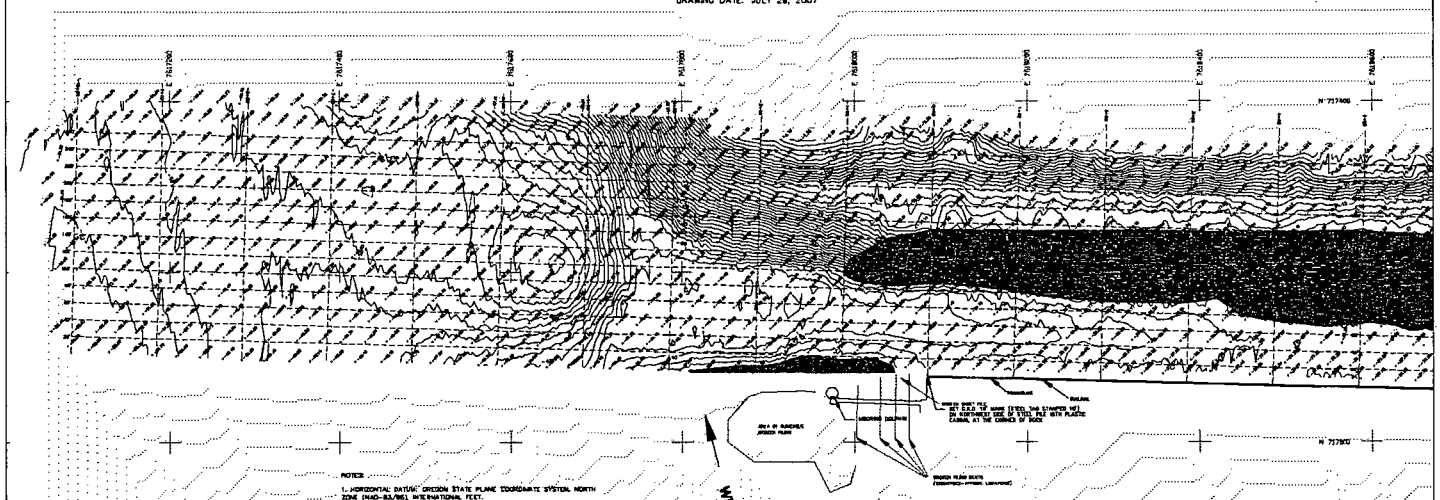
LOCATED ON THE WILLAMETTE RIVER AT RIVER MILE 3.7+/-

PORTLAND, OREGON

JUNE 28, 2007

MGS JOB# 07-227

DRAWING DATE: JULY 29, 2007



NOTES:

1. HORIZONTAL DATUM: OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD-83/86), INTERNATIONAL FEET.

2. CONTOURS ARE SHOWN IN FEET AT AN INTERVAL OF 1 FOOT AND INDICATE ELEVATIONS IN REFERENCE TO COLUMBIA RIVER DATUM (C.R.D.), BASED ON THE TIDE BOARD LOCATED AT PORT OF PORTLAND BERTH-411.

3. HORIZONTAL POSITIONS FOR NAVIGATION AND DATA COLLECTION WERE DETERMINED BY USING A TRIMBLE 4700 G.P.S. SYSTEM OPERATING IN DIFFERENTIAL MODE, USING THE G.P.S. CONTINUOUSLY OPERATING REFERENCE STATION (CORS).

4. BATHYMETRIC DATA WAS COLLECTED USING KNUDSEN 320M ECHOSOUNDER WITH A 8 DEGREE SINGLE BEAM TRANSDUCER, OPERATING AT 200 kHz

5. SURVEY DATA WAS COLLECTED PARALLEL WITH THE DOCK USING A "TWENTY-FIVE" FOOT LINE SPACING. THE SURVEY DATA COLLECTED ALONG EACH SURVEY LINE WAS THINNED USING A "SHOAL BIAS" METHOD TO AN APPROXIMATE HORIZONTAL SPACING OF 3 FEET.

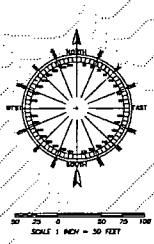
6. THERE MAY BE BOTTOM FEATURES THAT ARE NOT SHOWN ON THIS MAP DUE TO THE LINE SPACING INTERVAL. THIS SURVEY DOES NOT INCLUDE BATHYMETRIC DATA BETWEEN THE ADJACENT SURVEY LINES.

7. THIS BATHYMETRIC SURVEY IS REPRESENTATIVE OF THE CONDITION OF THE BOTTOM AT THE TIME OF THE SURVEY, BASED ON THE LINE SPACING INTERVAL AND THINNING METHOD USED. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY.

8. BATHYMETRIC DATA WAS COLLECTED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC MANUAL EM-1112-02-1003 (JANUARY 2002), FOR NAVIGATION AND DREDGING SUPPORT SURVEYS WITH THE BOTTOM CLASSIFICATION OF SOFT.

9. DOCK AND PHYSICAL FEATURES SHOWN WERE TRANSLATED AND ROTATED FROM A DIFFERENT DATUM AND SHOULD BE CONSIDERED APPROXIMATE.

10. DATA COLLECTED: JUNE 28, 2007



REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
JANUARY 8, 2001
KEVIN L. BETHUE
55437

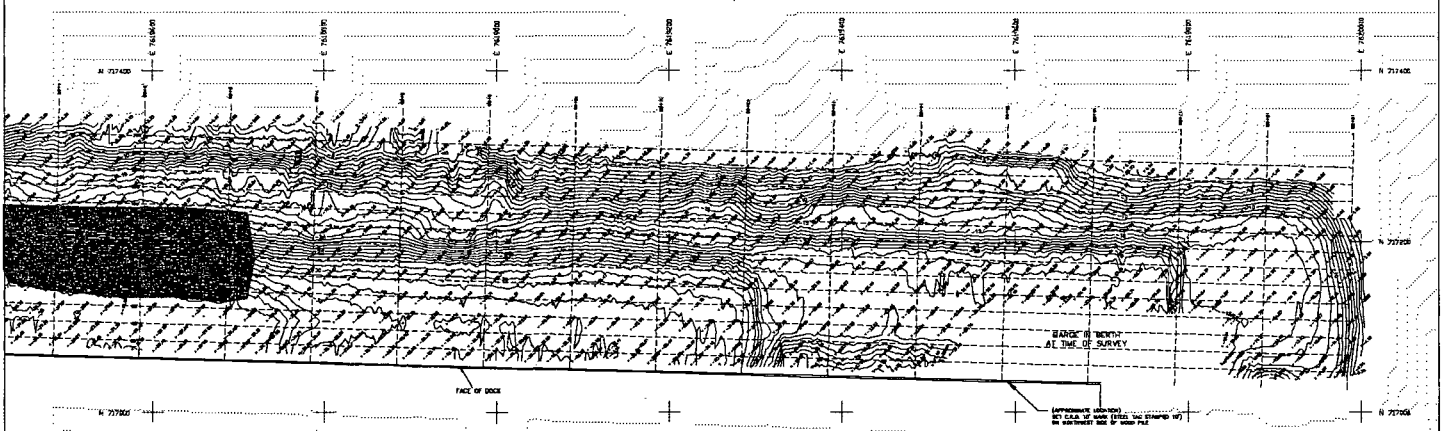
Expires 12-31-2007

MINISTER-GLAESER SURVEYING INC.
2200 E. EVERGREEN BLVD.
VANCOUVER, WA 98661
(360) 694-3313

SCHN00321385

SCHNITZER STEEL INDUSTRIES
BERTHS 1-3

HYDROGRAPHIC SURVEY
LOCATED ON THE WILLAMETTE RIVER AT RIVER MILE 3.7+/-
PORTLAND, OREGON
JUNE 28, 2007
MGS JOB# 07-227
DRAWING DATE: JULY 29, 2007



NOTES:

1. HORIZONTAL DATUM: OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD-83/86), INTERNATIONAL FEET.

2. CONTOURS ARE SHOWN IN FEET AT AN INTERVAL OF 1 FOOT AND INDICATE ELEVATIONS IN REFERENCE TO COLUMBIA RIVER DATUM (C.R.D.), BASED ON THE TIDE BOARD LOCATED AT PORT OF PORTLAND BERTH-4/1.

3. HORIZONTAL POSITIONS FOR NAVIGATION AND DATA COLLECTION WERE DETERMINED BY USING A TRIMBLE 4700 G.P.S. SYSTEM OPERATING IN DIFFERENTIAL MODE, USING THE G.P.S. CONTINUOUSLY OPERATING REFERENCE STATION (CORS).

4. BATHYMETRIC DATA WAS COLLECTED USING KNUDSEN 320M ECHOSOUNDER WITH A 6 DEGREE SINGLE BEAM TRANSDUCER, OPERATING AT 200 kHz.

5. SURVEY DATA WAS COLLECTED PARALLEL WITH THE DOCK USING A TWENTY-FIVE FOOT LINE SPACING. THE SURVEY DATA COLLECTED ALONG EACH SURVEY LINE WAS THINNED USING A "SNOAL BIAS" METHOD TO AN APPROXIMATE HORIZONTAL SPACING OF 3 FEET.

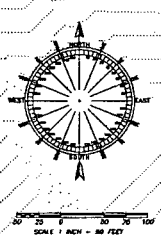
6. THERE MAY BE BOTTOM FEATURES THAT ARE NOT SHOWN ON THIS MAP DUE TO THE LINE SPACING INTERVAL. THIS SURVEY DOES NOT INCLUDE BATHYMETRIC DATA BETWEEN THE ADJACENT SURVEY LINES.

7. THIS BATHYMETRIC SURVEY IS REPRESENTATIVE OF THE CONDITION OF THE BOTTOM AT THE TIME OF THE SURVEY, BASED ON THE LINE SPACING INTERVAL AND THINNING METHOD USED. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY.

8. BATHYMETRIC DATA WAS COLLECTED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC MANUAL EM-1112-02-1003 (JANUARY 2002), FOR NAVIGATION AND DREDGING SUPPORT SURVEYS WITH THE BOTTOM CLASSIFICATION OF SOFT.

9. DOCK AND PHYSICAL FEATURES SHOWN WERE TRANSLATED AND ROTATED FROM A DIFFERENT DATUM AND SHOULD BE CONSIDERED APPROXIMATE.

10. DATA COLLECTED: JUNE 28, 2007



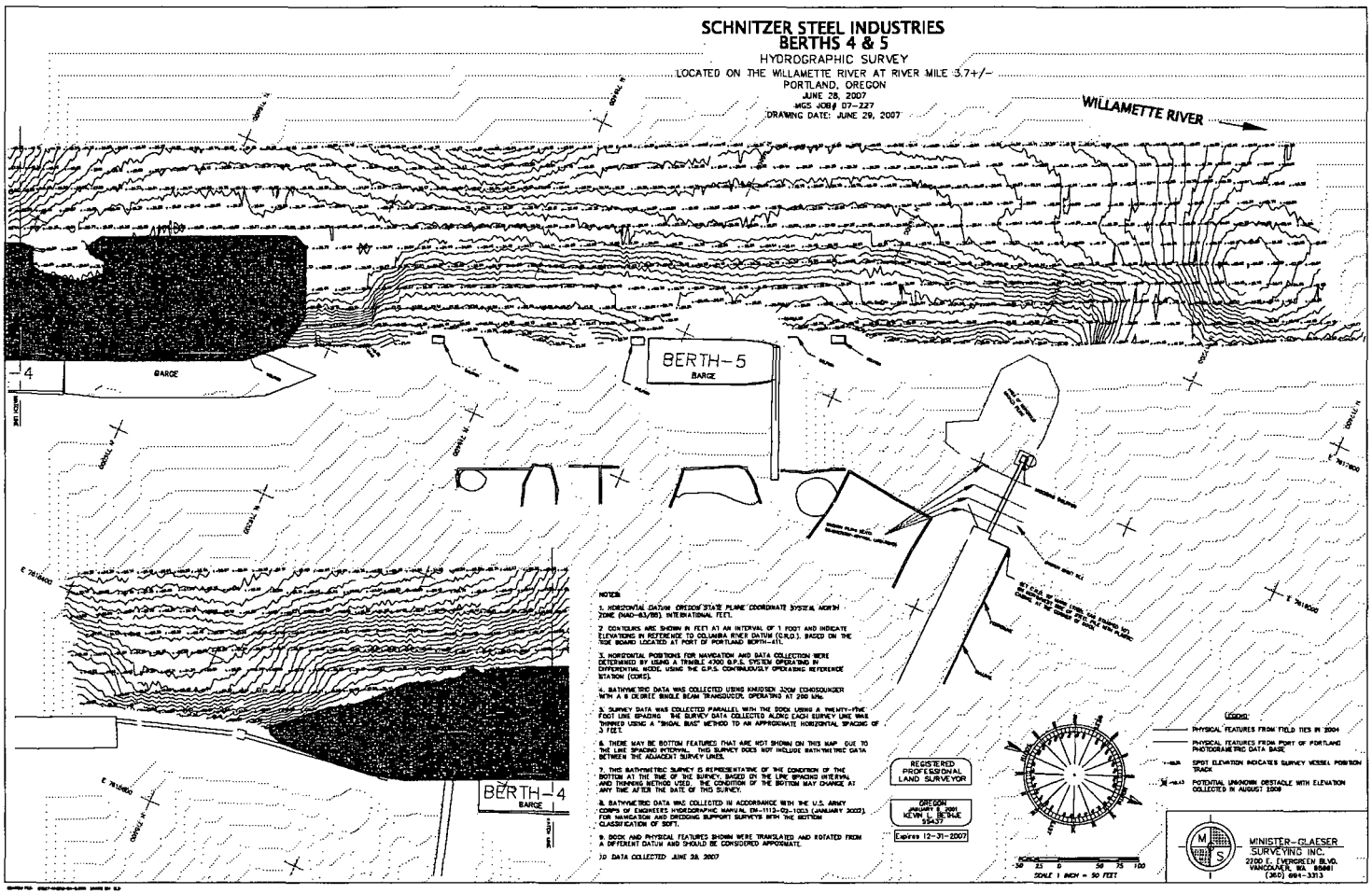
REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
JANUARY 8, 2001
KEVIN L. BETHJE
55437

Expires 12-31-2007

MINISTER-GLAESER SURVEYING INC.
2200 E. EVERGREEN BLVD.
VANCOUVER, WA 98661
(360) 694-3313

SCHN00321386



SCHN00321387

SSI International Terminals Budget Planning Cost Estimate - 2008 Maintenance Dredging in Berths 1 and 4 and Dolphin Repair in Berths 4 and 6
High Dredge Alternative (Berth 1 Elevation = -37ft CRD; Berth 4 Elevation = -36ft CRD)

Task	Qty	Unit	Unit Cost	Total Cost	Area Specific Costs	Notes
Budget Planning and Preliminary Design	1	LS	$20,000	$20,000	NA	Includes work to date to define objectives and budget-level costing for maintenance dredging and dolphin replacement.
Regulatory Agency Strategy Development and Implementation	1	LS	$50,000	$50,000	NA	Allowance for all coordination with local, state, and federal agencies between now and July to minimize potential delays or restrictions in completion of planned maintenance dredging activities.
Diver Inspection Survey at Berths 1 and 4	1	LS	$15,000	$15,000	$7,500 - Berth 1 $7,500 - Berth 4 $0 - Dolphins	Split equally between the two Berths, assume 2 days diver time ($10k) and $5k consultant time to plan for survey and interpret data.
Additional Bathymetry Data Collection	1	LS	$10,000	$10,000	$5,000 - Berth 1 $5,000 - Berth 4 $0 - Dolphins	Split equally between the two Berths, allowance for collection of additional bathymetry data in vicinity of river berth shoreline slopes and can opener.
Geotechnical Investigation	1	LS	$45,000	$45,000	$15,000 - Berth 1 $ 0 - Berth 4 $ 30,000 - Dolphins	Berth 1 - Includes effort to evaluate underwater can opener wall and confirm Berth 1 sheetpile wall dredge offset distance. Berth 4 - NA Dolphins - Complete over-water borings and geotechnical report to support mooring dolphin repair design.
Maintenance Dredging and Dolphin Replacement Design	1	LS	$135,000	$135,000	$ 25,000 - Berth 1 $ 25,000 - Berth 4 $85,000 - Dolphins	Berth 1 - Includes cost for maintenance dredging design. Berth 4 - Includes cost for maintenance dredging design. Dolphins - Includes cost for dolphin design (four mooring dolphins) and permitting coordination as necessary
Subtotal				$275,000	$ 123,000 - Berth 1 $ 108,000 - Berth 4 $ 140,000 - Dolphins	Berth 1 - Includes Budget planning, preliminary design, and regulatory agency strategy and coordination. Berth 4 - Includes Budget planning, preliminary design, and regulatory agency strategy and coordination. Dolphins - Includes Budget planning, preliminary design, but does not include regulatory agency strategy and coordination.
Task	**Qty**	**Unit**	**Unit Cost**	**Total Cost**	**Area Specific Costs**	**Notes**
Mobilization/Demobilization	1	LS	$175,000	$175,000	NA	Based on 2004 construction bid from Hickey Marine with escalator for 2008 dollars. Total is approximately 10% of construction costs (minus sediment disposal fees at the landfill).
Hydrographic Surveys	1	LS	$20,000	$20,000	$10,000 - Berth 1 $10,000 - Berth 4 $0 - Dolphins	Allowance for pre-and-post dredge single beam surveys for calculation of pay volumes.
Dredging, Dewatering, Transport, and Disposal of Material						
Berth 1 - Can Opener Area	215	CY	$60	$13,000		Berth 1 -Dredge to elevation -37ft (CRD) with 1-foot over-dredge allowance. Unit rate based on escalator from 2004 work and assumes similar tipping fee at landfill will apply.
Berth 1 - North Slope from Station -1+00 to 8+25	9,300	CY	$60	$558,000	$ 671,000 - Berth 1	Berth 1 - Dredge to elevation -37ft (CRD) with 1-foot over-dredge allowance, slip will be at elevation -37ft for 120-foot width, transition 3H:1V slope. Unit rate based on escalator from 2004 work and assumes similar tipping fee at landfill will apply.
Berth 4 - High Spot Removal	6,150	CY	$60	$369,000	$ 369,000 - Berth 4	Berth 4 - Dredge to elevation -36ft (CRD) with 1-foot over-dredge allowance; transition 3H:1V slope. Unit rate based on escalator from 2004 work and assumes similar tipping fee at landfill will apply.
Marine Dolphin Repair	4	EA	$190,000	$760,000	$ 760,000 - Dolphins	Dolphins - Repair four existing mooring dolphins using six steel plumb and batter piles at each location. See KPFF cost estimate details.
Thin Sand Layer Placement Over Dredged Areas	4,200	TON	$35	$147,000	$73,500 - Berth 1 $73,500 - Berth 4 $0 - Dolphins	Berth 1- Allowance for placement of 6 inches clean sand to meet anticipated regulatory agency requirements. Berth 4- Allowance for placement of 6 inches clean sand to meet anticipated regulatory agency requirements. Dolphins - NA.
Water Quality Monitoring	1	LS	$50,000	$50,000	NA	Costs to collect in-situ water quality data during construction per the 2003 FIB Water Quality Monitoring Plan.
Construction Management	1	LS	$40,000	$40,000	NA	Assumes 4 week construction duration w/1 FTE on-site at 10-hour work days.
Post-Dredge Sediment Sampling	1	LS	$35,000	$35,000	NA	Allowance for collection and analysis of sediment samples to meet anticipated regulatory agency requirements.
Post-Construction Reporting	1	LS	$50,000	$50,000	NA	Completion of general post-construction reporting (including reporting of water quality monitoring data) to document work and completion of sediment data report as necessary.
Subtotal				$2,217,000	$1,008,000 - Berth 1 $ 903,000 - Berth 4 $ 375,000 - Dolphins	Berth 1 - Includes mobilizaiton costs, construction management and all post-construction reporting and compliance efforts. Berth 4 - Includes mobilizaiton costs, construction management and all post-construction reporting and compliance efforts. Dolphins - Includes mobilizaiton costs and construction management.
Project Contingency		15%		$273,900	$ 189,000 - Berth 1 $ 127,000 - Berth 4 $ 165,000 - Dolphins	Project contingency appropriate for budget planning purposes. Refer to list of risks that may effect 2008 construction work.
Project Total				$2,870,000	$ 1,297,000 - Berth 1 $ 1,049,000 - Berth 4 $ 1,553,000 - Dolphins	Area specific total costs assumes that work in other areas is not completed.

Notes:
1) Cost information should be used for budget planning purposes only. Construction cost estimates will be completed once final design criteria are established.
2) Project contingency included at 15% to account for design an construction uncertainty assumes as follows:
a) Potential construction delay due to new regulatory agency dredging criteria and Portland Harbor Superfund political situation. Recommend inclusion of thin layer sand placement in construction bid
b) Unknown bathymetric conditions at Berth 4 shoreline slope and can opener areas: Recommend collection of additional bathymetric data to better inform dredge volumes and completion of diver survey to inspect underwater wall at can opener and verify sediment conditions at potential obstacles in Berth. 4.
c) Unknown geotechnical sediment properties in river berths: Recommend completion of geotechnical investigation to provide design input to mooring dolphin repair, and to verify dredge offset distance from sheet pile wall in Berth 1.
3) All cost information shown in presented in 2008 dollars.

Prepared by Floyd|Snider and KPFF
2/22/2008

DRAFT - CONFIDENTIAL

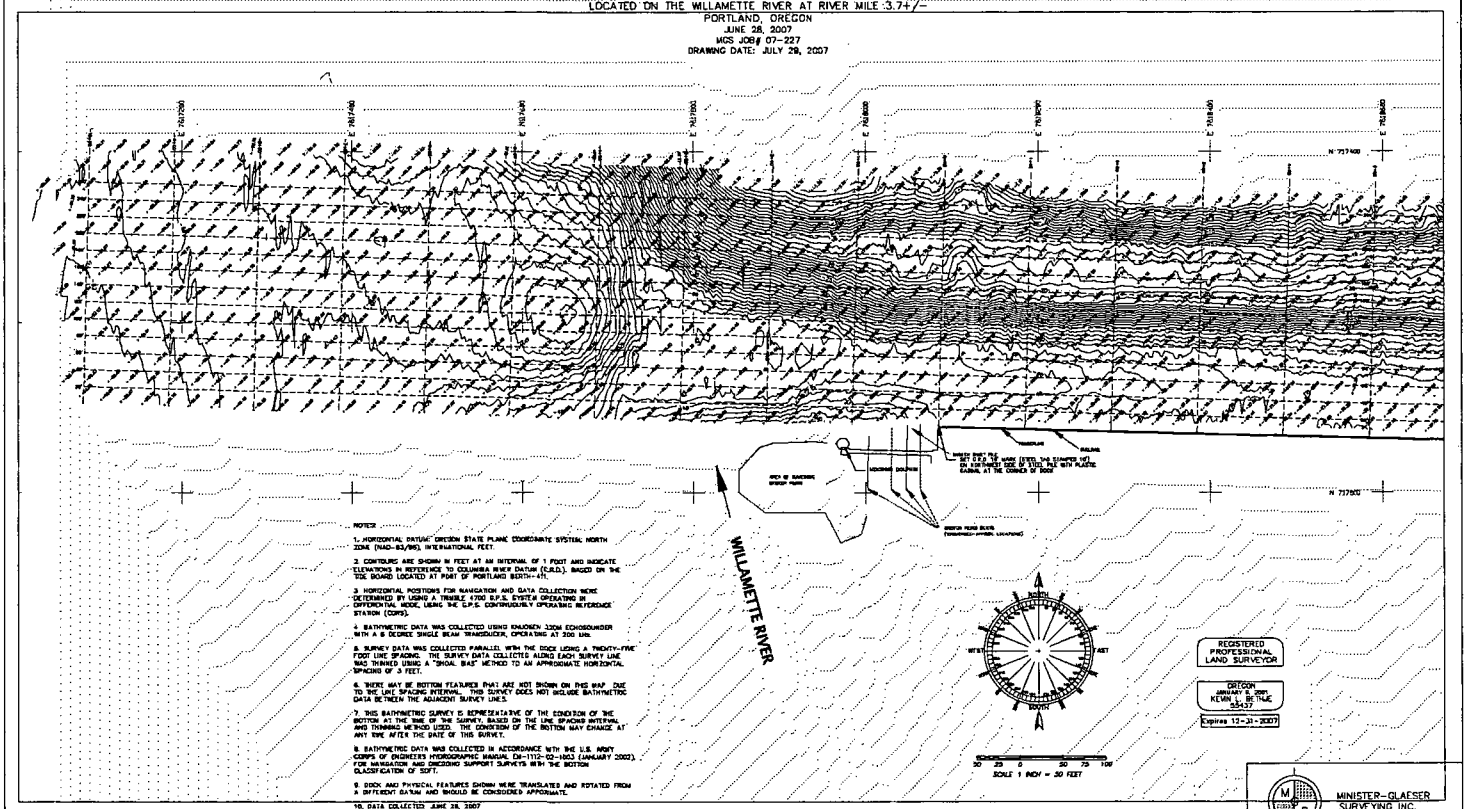
SCHN00321388

SCHNITZER STEEL INDUSTRIES
BERTHS 1-3

HYDROGRAPHIC SURVEY

LOCATED ON THE WILLAMETTE RIVER AT RIVER MILE 3.7+/-

PORTLAND, OREGON
JUNE 28, 2007
MGS JOB# 07-227
DRAWING DATE: JULY 29, 2007



NOTES:

1. HORIZONTAL DATUM: OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD-83/98), INTERNATIONAL FEET.

2. CONTOURS ARE SHOWN IN FEET AT AN INTERVAL OF 1 FOOT AND INDICATE ELEVATIONS IN REFERENCE TO COLUMBIA RIVER DATUM (C.R.D.). BASED ON THE TIDE BOARD LOCATED AT PORT OF PORTLAND BERTH-411.

3. HORIZONTAL POSITIONS FOR NAVIGATION AND DATA COLLECTION WERE DETERMINED BY USING A TRIMBLE 4700 G.P.S. SYSTEM OPERATING IN DIFFERENTIAL MODE, USING THE G.P.S. CONTINUOUSLY OPERATING REFERENCE STATION (CORS).

4. BATHYMETRIC DATA WAS COLLECTED USING KNUDSEN 320M ECHOSOUNDER WITH A 6 DEGREE SINGLE BEAM TRANSDUCER, OPERATING AT 200 kHz.

5. SURVEY DATA WAS COLLECTED PARALLEL WITH THE DOCK USING A TWENTY-FIVE FOOT LINE SPACING. THE SURVEY DATA COLLECTED ALONG EACH SURVEY LINE WAS THINNED USING A "SHOAL BIAS" METHOD TO AN APPROXIMATE HORIZONTAL SPACING OF 3 FEET.

6. THERE MAY BE BOTTOM FEATURES THAT ARE NOT SHOWN ON THIS MAP DUE TO THE LINE SPACING INTERVAL. THIS SURVEY DOES NOT INCLUDE BATHYMETRIC DATA BETWEEN THE ADJACENT SURVEY LINES.

7. THIS BATHYMETRIC SURVEY IS REPRESENTATIVE OF THE CONDITION OF THE BOTTOM AT THE TIME OF THE SURVEY, BASED ON THE LINE SPACING INTERVAL AND THINNING METHOD USED. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY.

8. BATHYMETRIC DATA WAS COLLECTED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC MANUAL EM-1110-2-1003 (JANUARY 2002) FOR NAVIGATION AND DREDGING SUPPORT SURVEYS WITH THE BOTTOM CLASSIFICATION OF SOFT.

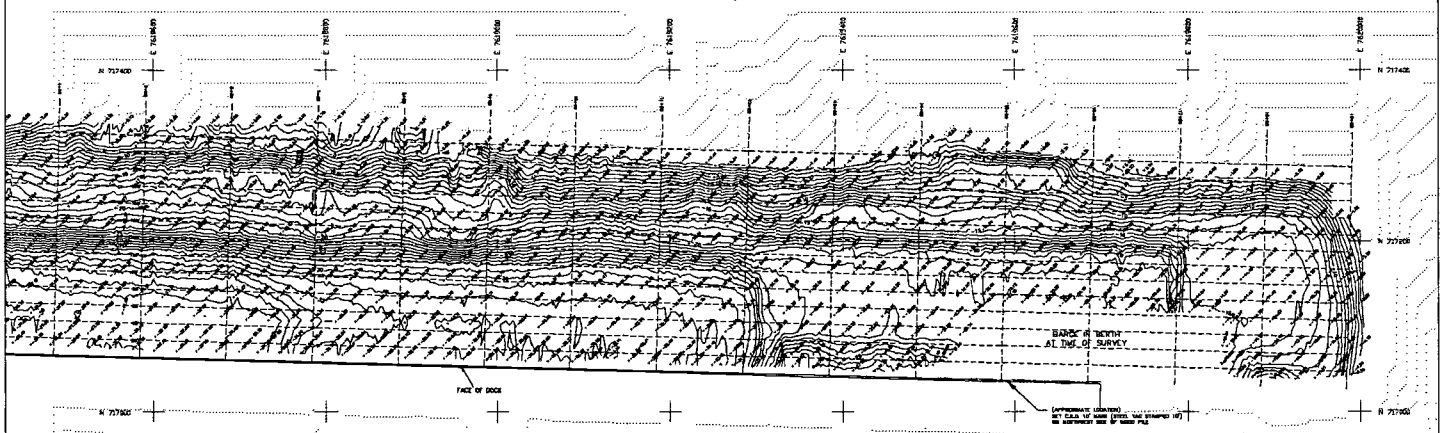
9. DOCK AND PHYSICAL FEATURES SHOWN WERE TRANSLATED AND ROTATED FROM A DIFFERENT DATUM AND SHOULD BE CONSIDERED APPROXIMATE.

10. DATA COLLECTED JUNE 28, 2007

SCHN00321389

SCHNITZER STEEL INDUSTRIES
BERTHS 1-3

HYDROGRAPHIC SURVEY
LOCATED ON THE WILLAMETTE RIVER AT RIVER MILE 3.7+/-
PORTLAND, OREGON
JUNE 28, 2007
MGS JOB# 07-227
DRAWING DATE: JULY 29, 2007



NOTES:

1. HORIZONTAL DATUM: OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD-83/86), INTERNATIONAL FEET.

2. CONTOURS ARE SHOWN IN FEET AT AN INTERVAL OF 1 FOOT AND INDICATE ELEVATIONS IN REFERENCE TO COLUMBIA RIVER DATUM (C.R.D.), BASED ON THE TIDE BOARD LOCATED AT PORT OF PORTLAND BERTH-4TL.

3. HORIZONTAL POSITIONS FOR NAVIGATION AND DATA COLLECTION WERE DETERMINED BY USING A TRIMBLE 4700 G.P.S. SYSTEM OPERATING IN DIFFERENTIAL MODE, USING THE G.P.S. CONTINUOUSLY OPERATING REFERENCE STATION (CORS).

4. BATHYMETRIC DATA WAS COLLECTED USING KNUDSEN 320M ECHOSOUNDER WITH A 6 DEGREE SINGLE BEAM TRANSDUCER, OPERATING AT 200 kHz.

5. SURVEY DATA WAS COLLECTED PARALLEL WITH THE DOCK USING A TWENTY-FIVE FOOT LINE SPACING. THE SURVEY DATA COLLECTED ALONG EACH SURVEY LINE WAS THINNED USING A "SHOAL BIAS" METHOD TO AN APPROXIMATE HORIZONTAL SPACING OF 3 FEET.

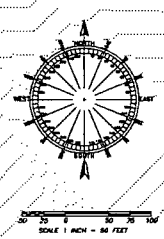
6. THERE MAY BE BOTTOM FEATURES THAT ARE NOT SHOWN ON THIS MAP DUE TO THE LINE SPACING INTERVAL. THIS SURVEY DOES NOT INCLUDE BATHYMETRIC DATA BETWEEN THE ADJACENT SURVEY LINES.

7. THIS BATHYMETRIC SURVEY IS REPRESENTATIVE OF THE CONDITION OF THE BOTTOM AT THE TIME OF THE SURVEY, BASED ON THE LINE SPACING INTERVAL AND THINNING METHOD USED. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY.

8. BATHYMETRIC DATA WAS COLLECTED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC MANUAL EM-1112-02-1003 (JANUARY 2002), FOR NAVIGATION AND DREDGING SUPPORT SURVEYS WITH THE BOTTOM CLASSIFICATION OF SOFT.

9. DOCK AND PHYSICAL FEATURES SHOWN WERE TRANSLATED AND ROTATED FROM A DIFFERENT DATUM AND SHOULD BE CONSIDERED APPROXIMATE.

10. DATA COLLECTED: JUNE 28, 2007



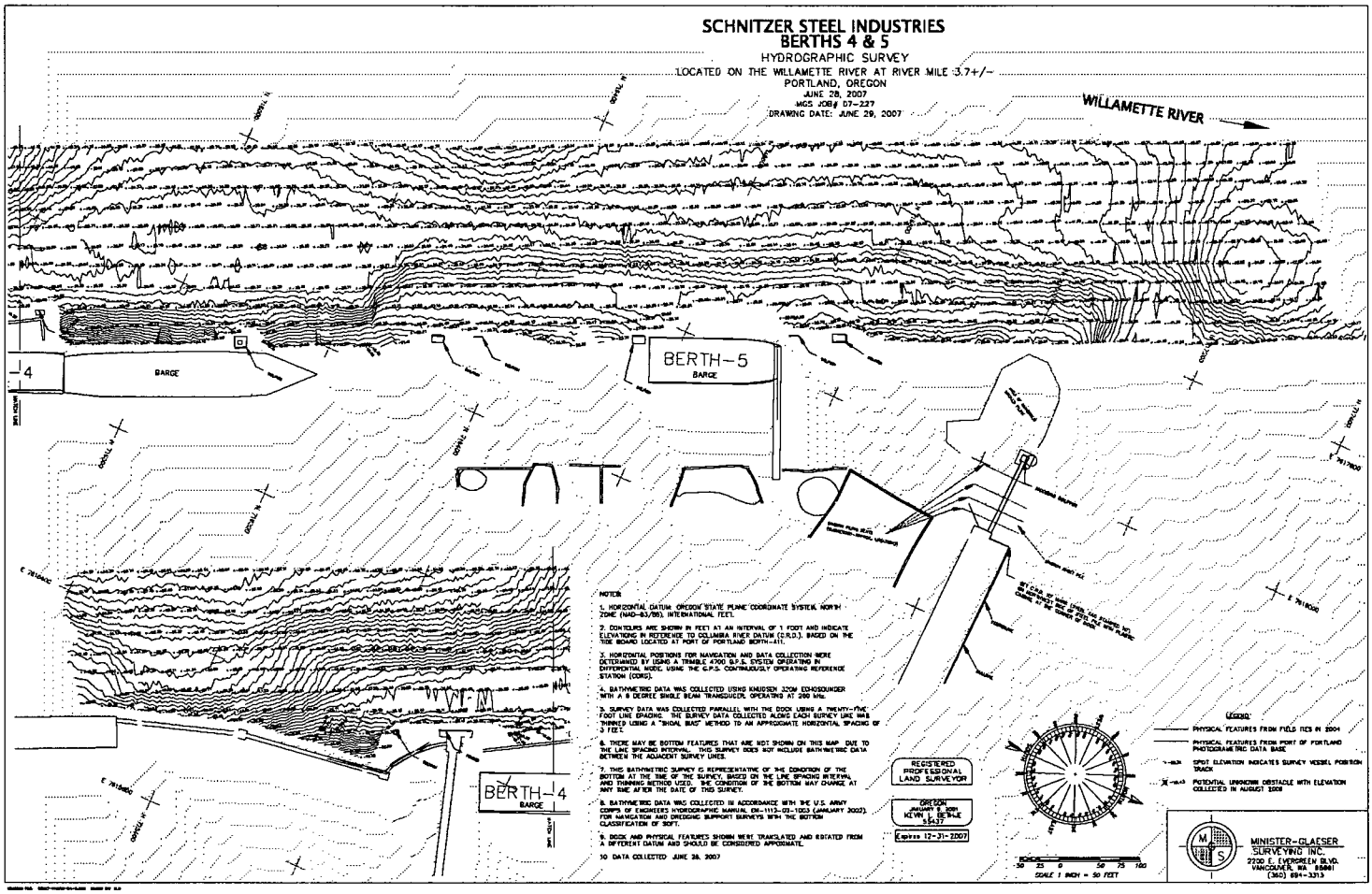
REGISTERED PROFESSIONAL LAND SURVEYOR

OREGON
JANUARY 8, 2003
KEVIN L. BETHJE
55437

Expires 12-31-2007

MINISTER-GLAESER SURVEYING INC.
2200 E. EVERGREEN BLVD.
VANCOUVER, WA 98661
(360) 884-3313

SCHN00321390



SCHN00321391

SSI International Terminals Budget Planning Cost Estimate - 2008 Maintenance Dredging in Berths 1 and 4 and Dolphin Repair in Berths 4 and 5
Low Dredge Alternative (Berth 1 Elevation = -35ft CRD; Berth 4 Elevation = -34ft CRD)

Task	Qty	Unit	Unit Cost	Total Cost	Area Specific Costs	Notes
Budget Planning and Preliminary Design	1	LS	$20,000	$20,000	NA	Includes work to date to define objectives and budget-level costing for maintenance dredging and dolphin replacement.
Regulatory Agency Strategy Development and Implementation	1	LS	$50,000	$50,000	NA	Allowance for all coordination with local, state, and federal agencies between now and July to minimize potential delays or *restrictions in completion of planned maintenance dredging activities.*
Diver Inspection Survey at Berths 1 and 4	1	LS	$15,000	$15,000	$7,500 - Berth 1 $7,500 - Berth 4 $0 - Dolphins	Split equally between the two Berths, assume 2 days diver time ($10k) and $5k consultant time to plan for survey and interpret data.
Additional Bathymetry Data Collection	1	LS	$10,000	$10,000	$5,000 - Berth 1 $5,000 - Berth 4 $0 - Dolphins	Split equally between the two Berths, allowance for collection of additional bathymetry data in vicinity of river berth shoreline slopes and can opener.
Geotechnical Evaluation (Investigation and Analysis)	1	LS	$45,000	$45,000	$15,000 - Berth 1 $ 0 - Berth 4 $ 30,000 - Dolphins	Berth 1 - Includes effort to evaluate underwater can opener wall and confirm Berth 1 sheetpile wall dredge offset distance. *Berth 4 - NA* Dolphins - Complete over-water borings and geotechnical report to support mooring dolphin repair design.
Maintenance Dredging and Dolphin Replacement Design	1	LS	$135,000	$135,000	$ 25,000 - Berth 1 $ 25,000 - Berth 4 $85,000 - Dolphins	Berth 1 - Includes cost for maintenance dredging design. Berth 4 - Includes cost for maintenance dredging design. Dolphins - Includes cost for dolphin design (four mooring dolphins) and permitting coordination as necessary
Subtotal				$275,000	$ 123,000 - Berth 1 $ 108,000 - Berth 4 $ 140,000 - Dolphins	Berth 1 - Includes Budget planning, preliminary design, and regulatory agency strategy and coordination. Berth 4 - Includes Budget planning, preliminary design, and regulatory agency strategy and coordination. Dolphins - Includes Budget planning, preliminary design, but does not include regulatory agency strategy and coordination.

Task	Qty	Unit	Unit Cost	Total Cost	Area Specific Costs	Notes
Mobilization/Demobilization	1	LS	$175,000	$175,000	NA	Based on 2004 construction bid from Hickey Marine with escalator for 2008 dollars. Total is approximately 10% of construction costs (minus sediment disposal fees at the landfill).
Hydrographic Surveys	1	LS	$20,000	$20,000	$10,000 - Berth 1 $10,000 - Berth 4 $0 - Dolphins	Allowance for pre-and-post dredge single beam surveys for calculation of pay volumes.
Dredging, Dewatering, Transport, and Disposal of Material						
Berth 1 - Can Opener Area	20	CY	$50	$2,000		Berth 1 -Dredge to elevation -35ft (CRD) with 1-foot over-dredge allowance. Unit rate based on escalator from 2004 work and assumes similar tipping fee at landfill will apply.
Berth 1 - North Slope from Station -1+00 to 6+25	5,100	CY	$60	$306,000	$ 306,000 - Berth 1	Berth 1 - Dredge to elevation -35ft (CRD) with 1-foot over-dredge allowance; slip will be at elevation -35ft for 120-foot width; transition 3H:1V slope. Unit rate based on escalator from 2004 work and assumes similar tipping fee at landfill will apply.
Berth 4 - High Spot Removal	1,400	CY	$60	$84,000	$ 84,000 - Berth 4	Berth 4 - Dredge to elevation -34ft (CRD) with 1-foot over-dredge allowance; transition 3H:1V slope. Unit rate based on escalator from 2004 work and assumes similar tipping fee at landfill will apply.
Marine Dolphin Repair	4	EA	$190,000	$760,000	$ 760,000 - Dolphins	Dolphins - Repair four existing mooring dolphins using six steel plumb and batter piles at each location. See KPFF cost estimate details.
Thin Sand Layer Placement Over Dredged Areas	4,200	TON	$35	$147,000	$73,500 - Berth 1 $73,500 - Berth 4 $0 - Dolphins	Berth 1- Allowance for placement of 6 inches clean sand to meet anticipated regulatory agency requirements. Berth 4- Allowance for placement of 6 inches clean sand to meet anticipated regulatory agency requirements. Dolphins - NA.
Water Quality Monitoring	1	LS	$50,000	$50,000	NA	Costs to collect in-situ water quality data during construction per the 2003 FIS Water Quality Monitoring Plan.
Construction Management	1	LS	$40,000	$40,000	NA	Assumes 4 week construction duration w/1 FTE on-site at 10-hour work days.
Post-Dredge Sediment Sampling	1	LS	$35,000	$35,000	NA	Allowance for collection and analysis of sediment samples to meet anticipated regulatory agency requirements.
Post-Construction Reporting	1	LS	$50,000	$50,000	NA	Completion of general post-construction reporting (including reporting of water quality monitoring data) to document work and completion of sediment data report as necessary.
Subtotal				$1,669,000	$ 742,000 - Berth 1 $ 618,000 - Berth 4 $ 308,000 - Dolphins	Berth 1 - Includes mob/demo costs, construction management and all post-construction reporting and compliance efforts. Berth 4 - Includes mob/demo costs, construction management and all post-construction reporting and compliance efforts. Dolphins - Includes mob/demo costs and construction management.
Project Contingency		15%		$251,500	$ 130,000 - Berth 1 $ 94,000 - Berth 4 $ 169,000 - Dolphins	Project contingency appropriate for budget planning purposes. Refer to list of risks that may affect 2008 construction work.
Project Total				$2,240,000	$ 995,000 - Berth 1 $ 730,000 - Berth 4 $ 1,283,000 - Dolphins	Area specific total costs assumes that work in other areas is not completed.

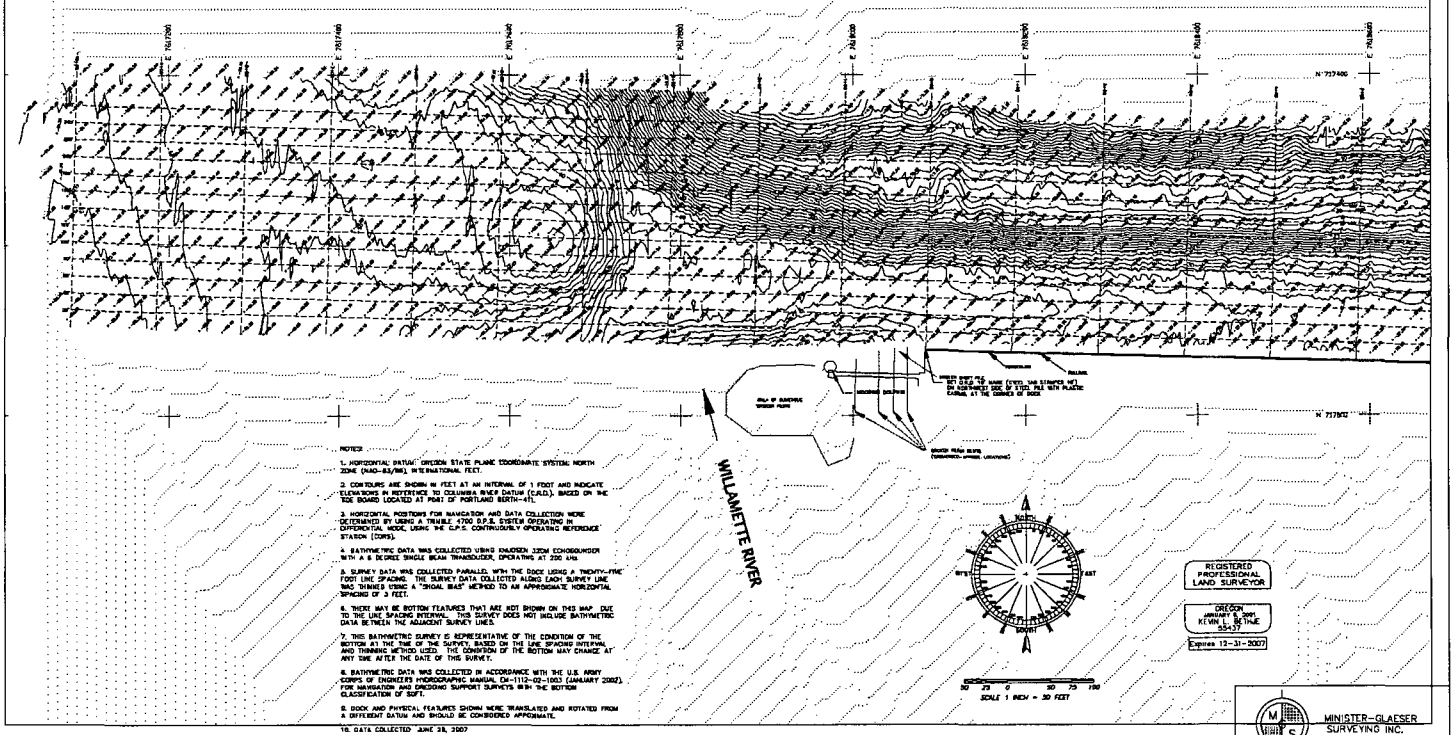
Notes:
1) Cost information should be used for budget planning purposes only. Construction cost estimates will be completed once final design criteria are established.
2) Project contingency included at 15% to account for design an construction uncertainties/risks as follows:
   a) Potential construction delay due to new regulatory agency dredging criteria and Portland Harbor Superfund political situation Recommend inclusion of thin layer sand placement in construction bid.
   b) Unknown bathymetric conditions at Berth 4 shoreline slope and can opener areas Recommend collection of additional bathymetric data to better inform dredge volumes and completion of diver survey to inspect underwater wall at can opener and verify sediment conditions at potential obstacles in Berth 4.
   c) Unknown geotechnical sediment properties in river berths Recommend completion of geotechnical investigation to provide design input to mooring dolphin repair, and to verify dredge offset distance from sheet pile wall in Berth 1.
3) All cost information shown in presented in 2008 dollars.

Prepared by Floyd|Snider and KPFF
2/22/2008

DRAFT - CONFIDENTIAL

SCHN00321392

SCHNITZER STEEL INDUSTRIES
BERTHS 1-3
HYDROGRAPHIC SURVEY
LOCATED ON THE WILLAMETTE RIVER AT RIVER MILE 3.7+/-
PORTLAND, OREGON
JUNE 28, 2007
MGS JOB# 07-227
DRAWING DATE: JULY 29, 2007



NOTES:

1. HORIZONTAL DATUM: OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD-83/86), INTERNATIONAL FEET.

2. CONTOURS ARE SHOWN IN FEET AT AN INTERVAL OF 1 FOOT AND INDICATE ELEVATIONS IN REFERENCE TO COLUMBIA RIVER DATUM (C.R.D.), BASED ON THE TIDE BOARD LOCATED AT PORT OF PORTLAND BERTH-41.

3. HORIZONTAL POSITIONS FOR NAVIGATION AND DATA COLLECTION WERE DETERMINED BY USING A TRIMBLE 4700 D.P.S. SYSTEM OPERATING IN DIFFERENTIAL MODE, USING THE C.P.S. CONTINUOUSLY OPERATING REFERENCE STATION (CORS).

4. BATHYMETRIC DATA WAS COLLECTED USING KNUDSEN 320M ECHOSOUNDER WITH A 6 DEGREE SINGLE BEAM TRANSDUCER, OPERATING AT 200 kHz.

5. SURVEY DATA WAS COLLECTED PARALLEL WITH THE DOCK USING A TWENTY-FIVE FOOT LINE SPACING. THE SURVEY DATA COLLECTED ALONG EACH SURVEY LINE WAS THINNED USING A "SHOAL BIAS" METHOD TO AN APPROXIMATE HORIZONTAL SPACING OF 3 FEET.

6. THERE MAY BE BOTTOM FEATURES THAT ARE NOT SHOWN ON THIS MAP DUE TO THE LINE SPACING INTERVAL. THIS SURVEY DOES NOT INCLUDE BATHYMETRIC DATA BETWEEN THE ADJACENT SURVEY LINES.

7. THIS BATHYMETRIC SURVEY IS REPRESENTATIVE OF THE CONDITION OF THE BOTTOM AT THE TIME OF THE SURVEY, BASED ON THE LINE SPACING INTERVAL AND THINNING METHOD USED. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY.

8. BATHYMETRIC DATA WAS COLLECTED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC MANUAL EM-1112-02-1003 (JANUARY 2002), FOR NAVIGATION AND DREDGING SUPPORT SURVEYS WITH THE BOTTOM CLASSIFICATION OF SOFT.

9. DOCK AND PHYSICAL FEATURES SHOWN WERE TRANSLATED AND ROTATED FROM A DIFFERENT DATUM AND SHOULD BE CONSIDERED APPROXIMATE.

10. DATA COLLECTED JUNE 28, 2007

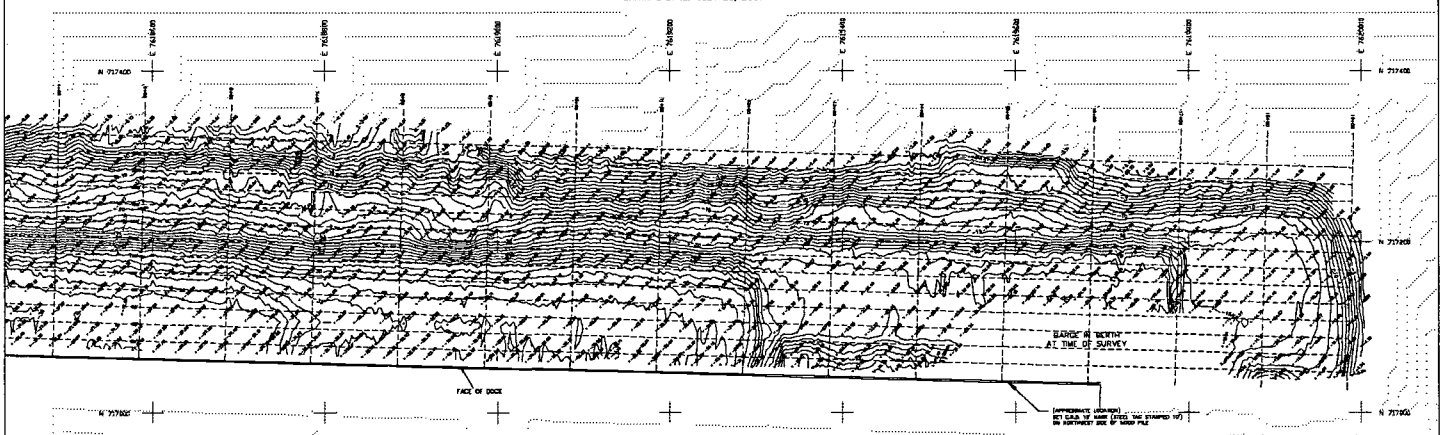
REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
JANUARY 5, 2001
KEVIN L. BETHUE
55437
Expires 12-31-2007

MINISTER-GLAESER SURVEYING INC.
2200 E. EVERGREEN BLVD.
VANCOUVER, WA 98661
(360) 694-3313

SCHN00321393

SCHNITZER STEEL INDUSTRIES
BERTHS 1-3

HYDROGRAPHIC SURVEY
LOCATED ON THE WILLAMETTE RIVER AT RIVER MILE 3.7+/-
PORTLAND, OREGON
JUNE 28, 2007
MGS JOB# 07-227
DRAWING DATE: JULY 29, 2007



NOTES

1. HORIZONTAL DATUM: OREGON STATE PLANE COORDINATE SYSTEM, NORTH ZONE (NAD-83/98), INTERNATIONAL FEET.

2. CONTOURS ARE SHOWN IN FEET AT AN INTERVAL OF 1 FOOT AND INDICATE ELEVATIONS IN REFERENCE TO COLUMBIA RIVER DATUM (C.R.D.), BASED ON THE TIDE BOARD LOCATED AT PORT OF PORTLAND BERTH-4A.

3. HORIZONTAL POSITIONS FOR NAVIGATION AND DATA COLLECTION WERE DETERMINED BY USING A TRIMBLE 4700 G.P.S. SYSTEM OPERATING IN DIFFERENTIAL MODE, USING THE G.P.S. CONTINUOUSLY OPERATING REFERENCE STATION (CORS).

4. BATHYMETRIC DATA WAS COLLECTED USING KNUDSEN 320M ECHOSOUNDER WITH A 6 DEGREE SINGLE BEAM TRANSDUCER, OPERATING AT 200 kHz.

5. SURVEY DATA WAS COLLECTED PARALLEL WITH THE DOCK USING A TWENTY-FIVE FOOT LINE SPACING. THE SURVEY DATA COLLECTED ALONG EACH SURVEY LINE WAS THINNED USING A "SHOAL BIAS" METHOD TO AN APPROXIMATE HORIZONTAL SPACING OF 3 FEET.

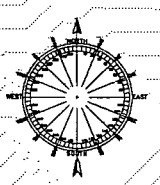
6. THERE MAY BE BOTTOM FEATURES THAT ARE NOT SHOWN ON THIS MAP DUE TO THE LINE SPACING INTERVAL. THIS SURVEY DOES NOT INCLUDE BATHYMETRIC DATA BETWEEN THE ADJACENT SURVEY LINES.

7. THIS BATHYMETRIC SURVEY IS REPRESENTATIVE OF THE CONDITION OF THE BOTTOM AT THE TIME OF THE SURVEY, BASED ON THE LINE SPACING INTERVAL AND THINNING METHOD USED. THE CONDITION OF THE BOTTOM MAY CHANGE AT ANY TIME AFTER THE DATE OF THIS SURVEY.

8. BATHYMETRIC DATA WAS COLLECTED IN ACCORDANCE WITH THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC MANUAL EM-1110-2-1003 (JANUARY 2002), FOR NAVIGATION AND DREDGING SUPPORT SURVEYS WITH THE BOTTOM CLASSIFICATION OF SOFT.

9. DOCK AND PHYSICAL FEATURES SHOWN WERE TRANSLATED AND ROTATED FROM A DIFFERENT DATUM AND SHOULD BE CONSIDERED APPROXIMATE.

10. DATA COLLECTED: JUNE 28, 2007

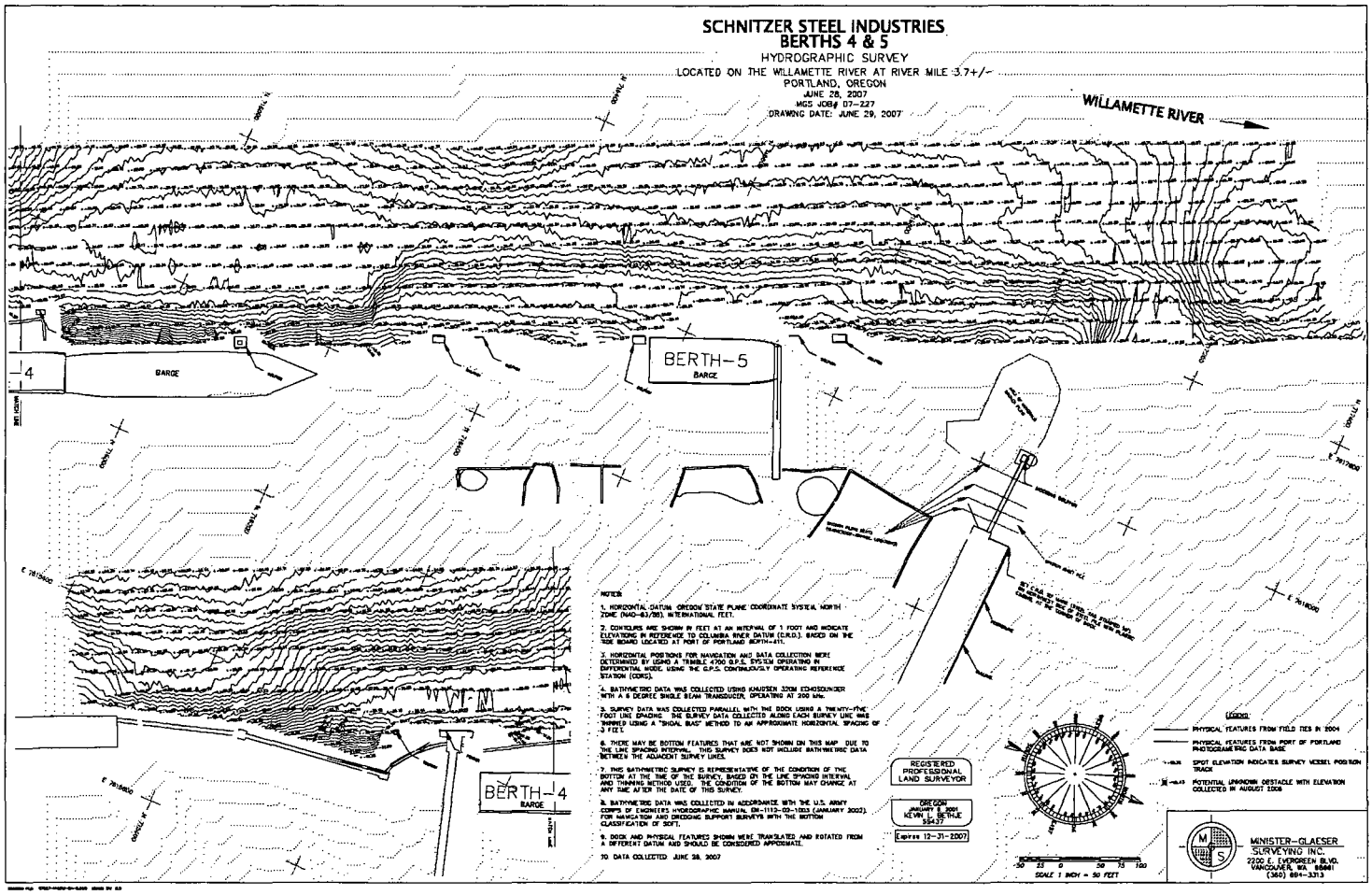


REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
KEVIN L. BETHUE
55157
Expires 12-31-2007

50 25 0 50 75 100
SCALE 1 INCH = 50 FEET

MINISTER-GLAESER SURVEYING INC.
2200 E. EVERGREEN BLVD.
VANCOUVER, WA. 98661
(360) 694-3313

SCHN00321394



SCHN00321395

SSI International Terminals Budget Planning Cost Estimate - 2008 Maintenance Dredging in Berths 1 and 4 and Dolphin Repair in Berths 4 and 5
Mid Dredge Alternative (Berth 1 Elevation = -36ft CRD; Berth 4 Elevation = -36ft CRD)

Task	Qty	Unit	Unit Cost	Total Cost	Area Specific Costs	Notes
Budget Planning and Preliminary Design	1	LS	$20,000	$20,000	NA	Includes work to date to define objectives and budget-level costing for maintenance dredging and dolphin replacement.
Regulatory Agency Strategy Development and Implementation	1	LS	$50,000	$50,000	NA	Allowance for all coordination with local, state, and federal agencies between now and July to minimize potential delays or restrictions in completion of planned maintenance dredging activities.
Diver Inspection Survey at Berths 1 and 4	1	LS	$15,000	$15,000	$7,500 - Berth 1 $7,500 - Berth 4 $0 - Dolphins	Split equally between the two Berths, assumes 2 days diver time ($10k) and $5k consultant time to plan for survey and interpret data.
Additional Bathymetry Data Collection	1	LS	$10,000	$10,000	$5,000 - Berth 1 $5,000 - Berth 4 $0 - Dolphins	Split equally between the two Berths, allowance for collection of additional bathymetry data in vicinity of river berth shoreline slopes and can opener.
Geotechnical Investigation	1	LS	$45,000	$45,000	$15,000 - Berth 1 $ 0 - Berth 4 $ 30,000 - Dolphins	Berth 1 - Includes effort to evaluate underwater can opener wall and confirm Berth 1 sheetpile wall dredge offset distance. Berth 4 - NA Dolphins - Complete over-water borings and geotechnical report to support mooring dolphin repair design.
Maintenance Dredging and Dolphin Replacement Design	1	*LS*	$135,000	$135,000	$ 25,000 - Berth 1 $ 25,000 - Berth 4 $85,000 - Dolphins	Berth 1 - Includes cost for maintenance dredging design. Berth 4 - Includes cost for maintenance dredging design. Dolphins - Includes cost for dolphin design (four mooring dolphins) and permitting coordination as necessary.
Subtotal				$375,000	$ 125,000 - Berth 1 $ 105,000 - Berth 4 $ 140,000 - Dolphins	Berth 1 - Includes Budget planning, preliminary design, and regulatory agency strategy and coordination. Berth 4 - Includes Budget planning, preliminary design, and regulatory agency strategy and coordination. Dolphins - Includes Budget planning, preliminary design, but does not include regulatory agency strategy and coordination.
[illegible]						
Task	**Qty**	**Unit**	**Unit Cost**	**Total Cost**	**Area Specific Costs**	**Notes**
Mobilization/Demobilization	1	LS	$175,000	$175,000	NA	Based on 2004 construction bid from Hickey Marine with escalator for 2008 dollars. *Total is approximately 10% of construction costs (minus sediment disposal fees at the landfill).*
Hydrographic Surveys	1	LS	$20,000	$20,000	$10,000 - Berth 1 $10,000 - Berth 4 $0 - Dolphins	Allowance for pre-and-post dredge single beam surveys for calculation of pay volumes.
Dredging, Dewatering, Transport, and Disposal of Material						
Berth 1 - Can Opener Area	86	CY	$60	$5,000		Berth 1 -Dredge to elevation -36ft (CRD) with 1-foot over-dredge allowance. Unit rate based on escalator from 2004 work and assumes similar tipping fee at landfill will apply.
Berth 1 - North Slope from Station -1+00 to 6+25	7,100	CY	$60	$425,000	$ 432,000 - Berth 1	Berth 1 - Dredge to elevation -36ft (CRD) with 1-foot over-dredge allowance; slip will be at elevation -36ft for 120-foot width; transition 3H:1V slope. Unit rate based on escalator from 2004 work and assumes similar tipping fee at landfill will apply.
Berth 4 - High Spot Removal	3,300	CY	$60	$198,000	$ 198,000 - Berth 4	Berth 4 - Dredge to elevation -36ft (CRD) with 1-foot over-dredge allowance; transition 3H:1V slope. Unit rate based on escalator from 2004 work and assumes similar tipping fee at landfill will apply.
Marine Dolphin Repair	4	EA	$190,000	$760,000	$ 760,000 - Dolphins	Dolphins - Repair four existing mooring dolphins using six steel plumb and batter piles at each location. See KPFF cost estimate details.
Thin Sand Layer Placement Over Dredged Areas	4,200	TON	$35	$147,000	$73,500 - Berth 1 $73,500 - Berth 4 $0 - Dolphins	Berth 1- Allowance for placement of 6 inches clean sand to meet anticipated regulatory agency requirements. Berth 4- Allowance for placement of 6 inches clean sand to meet anticipated regulatory agency requirements. Dolphins - NA.
Water Quality Monitoring	1	LS	$50,000	$50,000	NA	Costs to collect in-situ water quality data during construction per the 2003 F/S Water Quality Monitoring Plan.
Construction Management	1	LS	$40,000	$40,000	NA	Assumes 4 week construction duration w/1 FTE on-site at 10-hour work days.
Post-Dredge Sediment Sampling	1	LS	$35,000	$35,000	NA	Allowance for collection and analysis of sediment samples to meet anticipated regulatory agency requirements.
Post-Construction Reporting	1	LS	$30,000	$30,000	NA	Completion of general post-construction reporting (including reporting of water quality monitoring data) to document work and completion of sediment data report as necessary.
Subtotal				$1,997,000	$ 888,000 - Berth 1 $ 632,000 - Berth 4 $ 975,000 - Dolphins	Berth 1 - Includes mobilizing costs, construction management and all post-construction reporting and compliance efforts. Berth 4 - Includes mobilizing costs, construction management and all post-construction reporting and compliance efforts. Dolphins - Includes mobilizing costs and construction management.
Project Contingency		15%		$327,300	$ 149,000 - Berth 1 $ 111,000 - Berth 4 $ 169,000 - Dolphins	Project contingency appropriate for budget planning purposes. Refer to list of risks that may affect 2008 construction work.
Project Total				$2,610,000	$ 1,138,000 - Berth 1 $ 891,000 - Berth 4 $ 1,289,000 - Dolphins	Area specific total costs assumes that work in other areas is not completed.

Notes:
1) Cost information should be used for budget planning purposes only. Construction cost estimates will be completed once final design criteria are established.
2) Project contingency included at 15% to account for design an construction uncertainties/risks as follows:
   a) Potential construction delay due to new regulatory agency dredging criteria and Portland Harbor Superfund political situation : Recommend inclusion of thin layer sand placement in construction bid.
   b) Unknown bathymetric conditions at Berth 4 shoreline slope and can opener areas : Recommend collection of additional bathymetric data to better inform dredge volumes and completion of diver survey to inspect underwater wall at can opener and verify sediment conditions at potential obstacles in Berth 4.
   c) Unknown geotechnical sediment properties in river berths : Recommend completion of geotechnical investigation to provide design input to mooring dolphin repair, and to verify dredge offset distance from sheet pile wall in Berth 1.
3) All cost information shown in presented in 2008 dollars.

Prepared by Floyd|Snider and KPFF
2/22/2008

DRAFT - CONFIDENTIAL

SCHN00321396

SCHNITZER STEEL PRODUCTS CO.

12005 N Burgard Road, Portland, Oregon 97203
P.O. Box 10047, Portland, Oregon 97296-0047
(503) 224-9900 FAX (503) 286-6948

March 19, 2008

David J. Breen
Environmental Project Manager
Port of Portland
7201 N. Marine Drive, T6
Portland, Oregon 97203

Dear Mr. Breen

In response to your verbal request made in March 2008, Schnitzer Steel Products Co. believes, based upon current actual knowledge, that it currently is in compliance with the substantive provisions of all Federal, state and local laws or regulations, including any compliance orders or decrees issued pursuant thereto, applicable to the handling, processing, reclamation, storage or other management activities associated with recyclable scrap metal at the Schnitzer Steel Products Co. facility at 12005 N Burgard Road, Portland, Oregon.

Schnitzer Steel Products Co. in no way warrants, represents or guarantees that this statement is sufficient to satisfy the requirements of Section 127(c) of the Comprehensive Environmental Response, Compensation and Liability act, 42 U.S.C. 9627(c) as amended by the Superfund Recycling Equity Act of 1999. This statement is issued as a business accommodation only.

Sincerely,

SCHNITZER STEEL PRODUCTS CO.

James L. Jakubiak
Environmental Administrator

cc: Jamie Wilson

John Harrie

```
************************************************************************
*****        G A M M A   S P E C T R U M   A N A L Y S I S        *****
************************************************************************
```

Filename: 9055

Report Generated On	: 3/13/2008 9:56:37 AM
Sample Title	: ERL 26392
Sample Description	: leak test schnitzer Steel 3-08
Sample Identification	: ERL26392
Sample Type	: Wipes
Sample Geometry	: Wipes
Peak Locate Threshold	: 3.00
Peak Locate Range (in channels)	: 1 - 8192
Peak Area Range (in channels)	: 1 - 8192
Identification Energy Tolerance	: 1.000 keV
Sample Size	: 1.000E+000 kg
Sample Taken On	: 3/12/2008 6:00:00 PM
Acquisition Started	: 3/13/2008 6:28:33 AM
Live Time	: 10000.0 seconds
Real Time	: 10011.5 seconds
Dead Time	: 0.12 %

Energy Calibration Used Done On	: 3/30/2006
Efficiency Calibration Used Done On	: 3/31/2006
Efficiency ID	:

```
*************************************************************************
*****  N U C L I D E   I D E N T I F I C A T I O N   R E P O R T  *****
*************************************************************************
```

Sample Title: ERL 26392
Nuclide Library Used: C:\GENIE2K\CAMFILES\Stdlib.NLB

..... IDENTIFIED NUCLIDES .....

Nuclide Name	Id Confidence	Energy (keV)	Yield (%)	Activity (uCi/kg)	Activity Uncertainty
CS-137	0.958	661.65*	85.12	9.06851E-004	2.75829E-005
PB-214	0.390	74.81	6.33		
		77.11	10.70		
		87.20	3.70		
		89.80	1.03		
		241.98	7.49		
		295.21*	19.20	7.78408E-006	3.69563E-006
		351.92*	37.20	7.38566E-006	2.29378E-006
		785.91	1.10		
RA-226	0.992	186.21*	3.28	2.93931E-005	1.96960E-005

* = Energy line found in the spectrum.
@ = Energy line not used for Weighted Mean Activity
Energy Tolerance : 1.000 keV
Nuclide confidence index threshold = 0.30
Errors quoted at 1.000 sigma

****
***** I N T E R F E R E N C E C O R R E C T E D R E P O R T *****
****

Nuclide Name	Nuclide Id Confidence	Wt mean Activity (uCi/kg)	Wt mean Activity Uncertainty
CS-137	0.958	9.068506E-004	2.758294E-005
PB-214	0.390	7.496459E-006	1.948901E-006
RA-226	0.992	2.939306E-005	1.969600E-005

? = nuclide is part of an undetermined solution
X = nuclide rejected by the interference analysis
@ = nuclide contains energy lines not used in Weighted Mean Activity

Errors quoted at 1.000 sigma

********** U N I D E N T I F I E D P E A K S **********

Peak Locate Performed on: 3/13/2008 9:56:37 AM
Peak Locate From Channel: 1
Peak Locate To Channel: 8192

Peak No.	Energy (keV)	Peak Size in Counts per Second	Peak CPS % Uncertainty
1	4.47	1.6233E-001	5.46
2	63.66	2.3407E-003	152.13
4	238.72	6.6333E-003	43.82
7	609.66	1.3735E-002	14.79
9	1462.48	6.9271E-003	14.86
10	1766.90	1.9160E-003	33.87

M = First peak in a multiplet region
m = Other peak in a multiplet region
F = Fitted singlet

Errors quoted at 1.000 sigma

****
***** N U C L I D E M D A R E P O R T *****
****

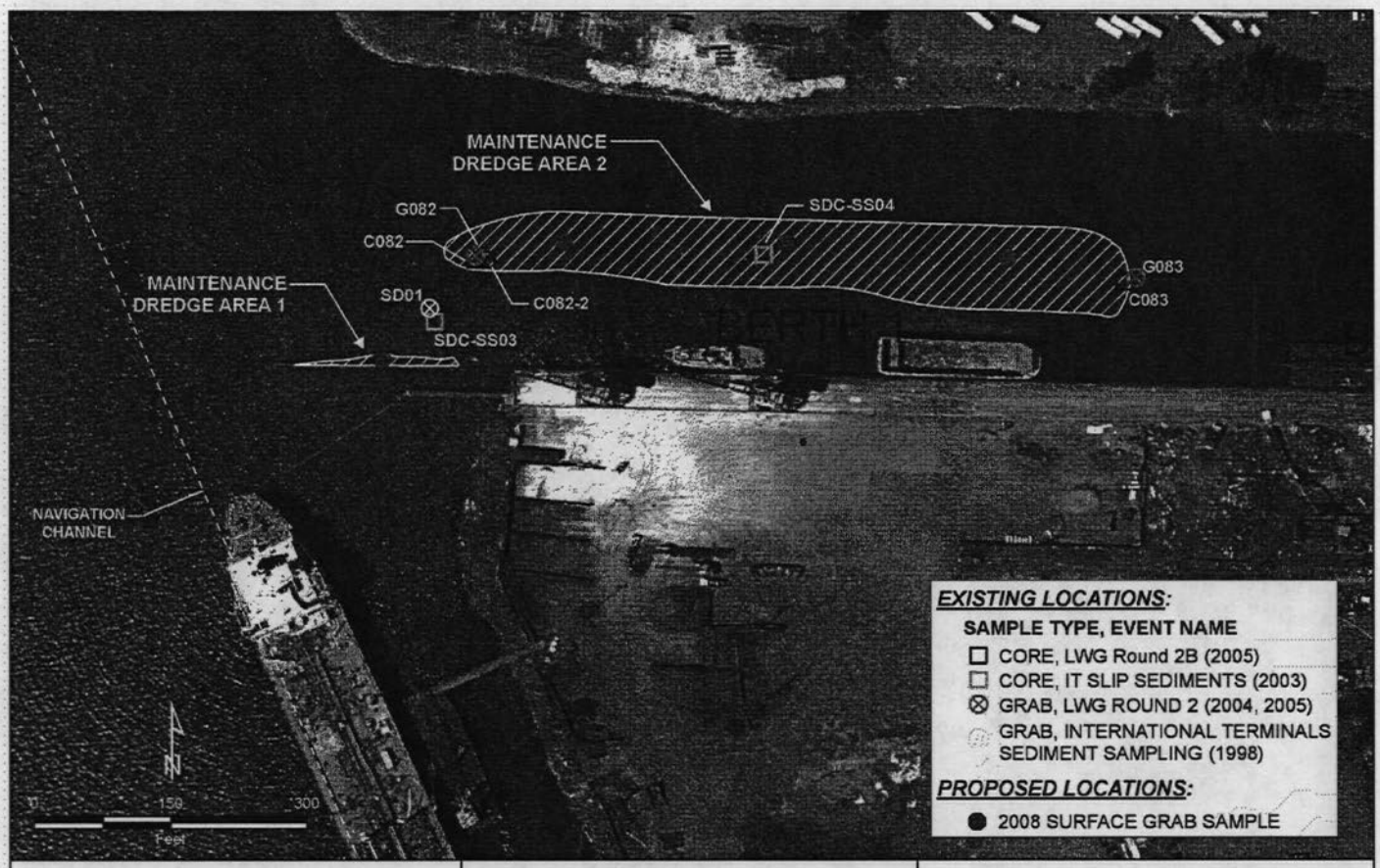
Detector Name: 9055
Sample Geometry: Wipes
Sample Title: ERL 26392
Nuclide Library Used: C:\GENIE2K\CAMFILES\Stdlib.NLB

	Nuclide Name	Energy (keV)	Yield (%)	Line MDA (uCi/kg)	Nuclide MDA (uCi/kg)	Activity (uCi/kg)
	K-40	1460.81	10.67	5.8241E-005	5.82E-005	9.1948E-005
	MN-54	834.83	99.97	2.7298E-006	2.73E-006	1.0603E-006
	CO-57	122.06	85.51	2.3687E-006	2.37E-006	1.5000E-006
		136.48	10.60	1.8585E-005		1.4221E-005
	CO-60	1173.22	100.00	3.2683E-006	2.95E-006	4.4776E-007
		1332.49	100.00	2.9453E-006		2.0245E-006
	CS-134	475.35	1.46	3.5999E-004	3.05E-006	2.7351E-004
		563.23	8.38	3.7035E-005		-1.7038E-005
		569.32	15.43	1.9278E-005		-6.4770E-006
		604.70	97.60	3.2890E-006		1.8716E-006
		795.84	85.40	3.0481E-006		3.8793E-007
		801.93	8.73	2.9311E-005		-2.7514E-006
		1038.57	1.00	2.3430E-004		-5.3126E-005
		1167.94	1.80	1.6931E-004		-5.4822E-005
		1365.15	3.04	9.6864E-005		-1.6152E-005
	CS-136	66.91	12.50	2.2491E-005	2.92E-006	-1.1008E-005
		86.29	6.30	3.7842E-005		1.9621E-005
		153.22	7.46	2.8285E-005		1.6649E-005
		163.89	4.61	4.8098E-005		2.5936E-005
		176.55	13.56	1.6297E-005		-1.8007E-006
		273.65	12.66	2.0169E-005		-1.2844E-005
		340.57	48.50	6.6383E-006		3.4602E-006
		818.50	99.70	2.9158E-006		1.5026E-007
		1048.07	79.60	3.7936E-006		-6.8851E-007
		1235.34	19.70	2.0760E-005		3.5022E-006
+	CS-137	661.65*	85.12	4.3510E-006	4.35E-006	9.0685E-004
	CS-138	138.10	1.49	4.7924E+003	1.09E+002	2.2812E+003
		227.76	1.51	5.5231E+003		1.9482E+003
		408.98	4.66	3.3118E+003		-5.5373E+000
		462.79	30.70	6.3890E+002		3.7381E+002
		546.94	10.80	1.1023E+003		-3.7715E+002
		871.80	5.11	2.0777E+003		2.4691E+002
		1009.78	29.80	3.6469E+002		3.7562E+001
		1147.22	1.24	9.2531E+003		-9.0059E+002
		1343.59	1.14	8.1482E+003		-9.0191E+003
		1435.86	76.30	1.0899E+002		-6.4886E+001
@	TL-208	72.80	2.02	1.0000E+020	1.00E+020	1.0000E+020
@		74.97	3.41	1.0000E+020		1.0000E+020
@		84.90	1.51	1.0000E+020		1.0000E+020
@		211.40	0.18	1.0000E+020		1.0000E+020
@		233.36	0.31	1.0000E+020		1.0000E+020
@		252.61	0.69	1.0000E+020		1.0000E+020

	Nuclide Name	Energy (keV)	Yield (%)	Line MDA (uCi/kg)	Nuclide MDA (uCi/kg)	Activity (uCi/kg)
@	TL-208	277.36	6.31	1.0000E+020	1.00E+020	1.0000E+020
@		510.77	22.60	1.0000E+020		1.0000E+020
@		583.19	84.50	1.0000E+020		1.0000E+020
@		722.04	0.20	1.0000E+020		1.0000E+020
@		763.13	1.81	1.0000E+020		1.0000E+020
@		860.56	12.42	1.0000E+020		1.0000E+020
@		927.60	0.13	1.0000E+020		1.0000E+020
@		982.70	0.20	1.0000E+020		1.0000E+020
@		1093.90	0.40	1.0000E+020		1.0000E+020
@		2614.53	99.16	1.0000E+020		1.0000E+020
	BI-211	72.87	1.20	2.1906E-004	2.79E-005	-4.9271E-005
		351.10	12.20	2.7931E-005		-3.6759E-006
		404.80	4.10	9.9249E-005		-3.1087E-005
		426.90	1.90	2.3349E-004		2.7209E-004
		831.80	3.30	8.2956E-005		2.6354E-005
	BI-212	39.86	1.10	8.5743E-004	2.13E-005	-1.1445E-003
		727.17	11.80	2.1280E-005		7.8102E-006
		785.42	2.00	1.2811E-004		3.4268E-006
		1620.56	2.75	1.0471E-004		2.9161E-005
	PB-212	74.81	9.60	2.7473E-005	5.58E-006	-2.5328E-005
		77.11	17.50	1.4763E-005		1.0191E-005
		87.20	6.30	3.5854E-005		-1.7132E-005
		89.80	1.75	1.2567E-004		-3.6453E-004
		115.19	0.60	3.3321E-004		1.1501E-004
		238.63	44.60	5.5766E-006		3.2077E-006
		300.09	3.41	7.8717E-005		-3.6323E-005
	BI-214	609.31	46.30	8.9026E-006	8.90E-006	7.8117E-006
		768.36	5.04	5.6900E-005		-8.6860E-006
		806.17	1.23	2.0545E-004		1.9904E-005
		934.06	3.21	9.4557E-005		3.0840E-005
		1120.29	15.10	2.6087E-005		2.9022E-005
		1155.19	1.69	1.7064E-004		-5.6243E-005
		1238.11	5.94	7.1594E-005		8.0751E-005
		1280.96	1.47	2.4029E-004		8.7661E-005
		1377.67	4.11	8.5343E-005		-7.1107E-006
		1385.31	0.78	4.7038E-004		1.5868E-004
		1401.50	1.39	2.1608E-004		5.8930E-005
		1407.98	2.48	1.2396E-004		3.9198E-006
		1509.19	2.19	1.7353E-004		4.3550E-005
		1661.28	1.15	2.5401E-004		9.6797E-005
		1729.60	3.05	1.1030E-004		5.5080E-006
		1764.49	15.80	3.1570E-005		3.4564E-005
		1847.44	2.12	1.7687E-004		1.0301E-004
		2118.54	1.21	2.6587E-004		1.2678E-004
+	PB-214	74.81	6.33	4.1666E-005	7.31E-006	-3.8413E-005
		77.11	10.70	2.4146E-005		1.6668E-005
		87.20	3.70	6.1049E-005		-2.9170E-005
		89.80	1.03	2.1351E-004		-6.1934E-004
		241.98	7.49	3.2640E-005		6.6867E-006
		295.21*	19.20	1.2041E-005		7.7841E-006
		351.92*	37.20	7.3130E-006		7.3857E-006

	Nuclide Name	Energy (keV)	Yield (%)	Line MDA (uCi/kg)	Nuclide MDA (uCi/kg)	Activity (uCi/kg)
+	PB-214	785.91	1.10	2.2914E-004	7.31E-006	-4.5913E-005
+	RA-226	186.21*	3.28	6.4862E-005	6.49E-005	2.9393E-005
	AC-228	89.95	2.10	1.0770E-004	1.15E-005	-1.9342E-004
		93.35	3.50	6.6154E-005		2.1428E-005
		129.08	2.80	7.1952E-005		1.7132E-005
		209.28	4.40	4.9373E-005		-3.2480E-005
		270.23	3.60	7.0272E-005		-1.2289E-005
		327.64	3.20	8.9490E-005		-4.9398E-005
		338.32	11.40	2.6875E-005		1.9738E-005
		409.51	2.13	1.9707E-004		3.0423E-005
		463.00	4.40	1.2084E-004		4.5083E-005
		794.70	4.60	5.8338E-005		1.8478E-005
		911.60	27.70	1.1491E-005		3.1525E-006
		964.60	5.20	5.8788E-005		-6.9494E-005
		969.11	16.60	2.0170E-005		9.2847E-006
		1587.90	3.71	8.2674E-005		-7.3963E-005
	TH-231	26.64	18.70	2.4927E-004	2.99E-005	-9.0534E-005
		84.21	8.00	2.9859E-005		-1.3421E-005
		89.95	1.25	1.8095E-004		-3.2495E-004
	PA-234M	1001.03	0.59	4.9078E-004	4.91E-004	-1.4651E-004

+ = Nuclide identified during the nuclide identification
* = Energy line found in the spectrum
> = MDA value not calculated
@ = Half-life too short to be able to perform the decay correction



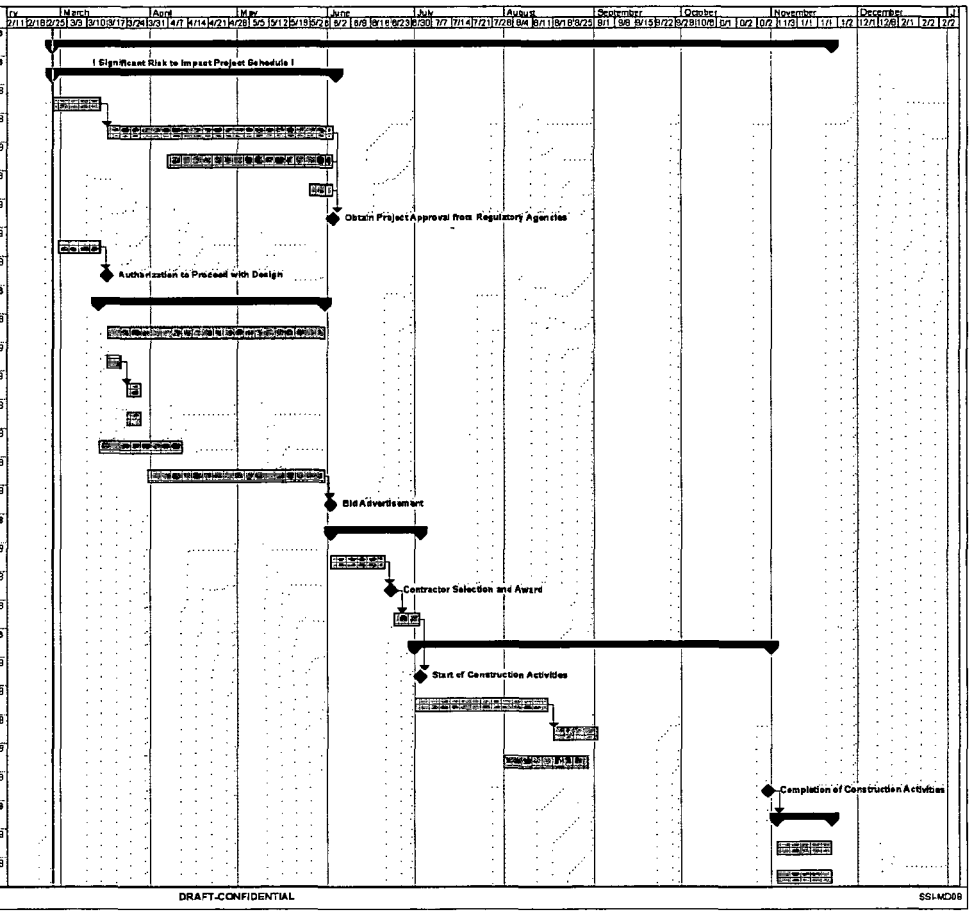
FLOYD | SNIDER
strategy • science • engineering

Schnitzer Steel Industries - International Terminal
Proposed 2008 Maintenance Dredging

Figure 1
Existing Sediment Sample Locations and Proposed 2008 Surface Sample Locations

File: F:\projects\SSI-MD08\GIS\MXD\Figure 1 (Existing and Proposed 2008 Sediment Sample Locations - NO LABELS).mxd
5/7/2008 11:20 AM

ID	Task Name	Duration	Start	Finish
1	**2008 Maintenance Dredging and Dolphin Repair**	**193 days?**	**Wed 2/27/08**	**Fri 11/21/08**
2	**Regulatory Agency Coordination**	**70 days?**	**Wed 2/27/08**	**Tue 6/3/08**
3	Pre-authorization Coordination with USACE (Informal)	13 days?	Wed 2/27/08	Fri 3/14/08
4	Identify New USACE Permit Manager and Coordination	56 days?	Mon 3/17/08	Mon 6/2/08
5	*Coordination with RSET Agencies including USEPA*	*41 days?*	*Mon 4/7/08*	*Mon 6/2/08*
6	Notification to State Agencies (DSL and DEQ)	8 days?	Mon 5/26/08	Mon 6/2/08
7	Obtain Project Approval from Regulatory Agencies	1 day?	Tue 6/3/08	Tue 6/3/08
8	Budget Planning and Preliminary Design	11 days?	Fri 2/29/08	Fri 3/14/08
9	Authorization to Proceed with Design	1 day?	Mon 3/17/08	Mon 3/17/08
10	**Design and Bid Package Preparation**	**56 days?**	**Fri 3/14/08**	**Fri 5/30/08**
11	Permitting for Mooring Dolphins (as necessary)	55 days?	Mon 3/17/08	Fri 5/30/08
12	*Additional Bathymetry Data Collection*	*5 days?*	*Mon 3/17/08*	*Fri 3/21/08*
13	Diver Inspection Surveys	5 days?	Mon 3/24/08	Fri 3/28/08
14	Geotechnical Field Investigation (as necessary)	5 days?	Mon 3/24/08	Fri 3/28/08
15	Geotechnical Engineering Evaluation	21 days?	Fri 3/14/08	Fri 4/11/08
16	Prepare Construction Plans and Specifications	45 days?	Mon 3/31/08	Fri 5/30/08
17	Bid Advertisement	1 day?	Mon 6/2/08	Mon 6/2/08
18	**Project Bid and Contracting Support**	**22 days?**	**Mon 6/2/08**	**Wed 7/2/08**
19	*Bid Evaluations*	*15 days?*	*Mon 6/2/08*	*Fri 6/20/08*
20	Contractor Selection and Award	1 day?	Mon 6/23/08	Mon 6/23/08
21	Contracting and Notice to Proceed	7 days?	Tue 6/24/08	Wed 7/2/08
22	**In-Water Work Window**	**89 days?**	**Tue 7/1/08**	**Fri 10/31/08**
23	Start of Construction Activities	1 day?	Thu 7/3/08	Thu 7/3/08
24	Maintenance Dredging	34 days?	Tue 7/1/08	Fri 8/15/08
25	Post-Construction Regulatory Compliance (as necessary)	11 days?	Mon 8/18/08	Mon 8/18/08
26	*Dolphin Repair (as necessary)*	*21 days?*	*Fri 8/1/08*	*Fri 8/29/08*
27	Completion of Construction Activities	1 day?	Fri 10/31/08	Fri 10/31/08
28	**Post-Construction Reporting**	**15 days?**	**Mon 11/3/08**	**Fri 11/21/08**
29	Post-Construction Report Submittal to USACE	15 days?	Mon 11/3/08	Fri 11/21/08
30	Water Quality Monitoring Report Submitted to DEQ	15 days?	Mon 11/3/08	Fri 11/21/08



SCHN00321540

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE
(AMENDED)

NO: IL-8118-D-834-B
(Previously NR-412-D-134-B)
(Supersedes IL-412-D-834-B)

DATE: April 5, 2001

DEVICE TYPE: Gamma Gauge-Belt Scale

MODEL: 7019 Series (see description)

MANUFACTURER/DISTRIBUTOR: Kay-Ray/Sensall, Inc.
1400 Business Center Drive
Mount Prospect, Illinois 60056

SEALED SOURCE MODEL DESIGNATION: Kay-Ray, Inc. Model 7700 Series

ISOTOPE:	MAXIMUMACTMTY:
Cesium-137	500 Millicuries*

LEAKTESTFREQUENCY: 36 months (for sealed sources in source housings)

PRINCIPAL USE: (D) Gamma Gauges

CUSTOM SOURCE: **YES** X NO

Refer to Description

DEVICE TYPE: Gamma Gauge-Belt Scale

DESCRIPTION:

This Model 7019 series Belt scale system utilizes either a Model 7062B, 7062BP or 7063 source housing with a Kay-Ray Model 7700 series sealed cesium source. The source housing is mounted atop an "A" frame assembly and provides a fan-shaped radiation beam which is directed through a belt conveyor to the radiation detection system. The device is equipped with a manual shutter system which can be locked. The radiation beam is enclosed by 16 gauge steel grating to restrict access. In addition, the barrier is labeled as described below. The height of the "A" frame varies according to requirements for the belt conveyor being gauged.

Typical source sizes are:

12 and 18 inch belts - 25 millicuries
24, 30 and 36 inch belts - 50 millicuries
42 and 48 inch belts - 100 millicuries
54 and 60 inch belts - 200 millicuries
66 and 72 inch belts - 500 millicuries

See Attachments 1 and 2

LABELING:

The source housing is labeled in accordance with the requirements of Parts 20 and 32 and in addition the Model 7019 contains the wording "SHUT RADIATION DEVICE OFF BEFORE WORKING WITHIN THREE FEET OF THE DEVICE."

DIAGRAMS:

Enclosure 1 illustrates the Model 7019 belt scale installation. The source housing is described in registration document **IL-8118-D-829-B** (**formerly** No. NR-412-D-129-B).

DEVICE TYPE: Gamma Gauge-Belt Scale

CONDITIONS OF NORMAL USE:

The 7019 series belt scale system is designed for use in harsh industrial environments (including out of doors). Extremes of temperature, humidity, corrosion and weathering may occur.

PROTOTYPE TESTING:

Prototype testing of the sealed source and source housing are documented in registry document **IL-8118-D-812-B and IL-8118-D-829-B (formerly** Nos. NR-412-S-128-B and NR-412-D-129-B).

EXTERNAL RADIATION LEVELS:

Radiation levels will vary according to the maximum activity of the sealed source used. Readings for a typical installation utilizing a 100 millicurie Cs-137 source are shown in **Attachment 2**. The maximum readings observed for this installation are 24 mr/hr at the accessible areas of the barrier surface and 83 mr/hr in the beam (inaccessible area). (See. **Attachment 2**)

QUALITY ASSURANCE AND CONTROL:

Kay-Ray maintains an acceptable program as documented in registry document **IL-8118-D-829-B (formerly** No. NR-412-D-129-B) and **IL-01010-03 (formerly** NRC license Nos. 12-11184-01 and 12-11184-02G).

LIMITATIONS AND OTHER CONSIDERATIONS OF USE:

- The Model 7019 series belt scale installation assembly including source housing Models 7062B, 7062BP and 7063 is acceptable for licensing for distribution to persons either specifically or generally licensed by NRC or Agreement States. When distributed to specific licensees, the use of barrier screens (see Description) on the Model 7019 installation may be considered optional.

DEVICE TYPE: Gamma Gauge-Belt Scale

LIMITATIONS AND OTHER CONSIDERATIONS OF USE: (continued)

- The device manufacturer/distributor should be required by the licensing authority to ensure that the device installation include sufficient protective factors (such as platforms, cages, braces) to prevent the source housing from falling from heights greater than it has been tested and found to withstand (i.e., prevent loss of shielding integrity).

- The device manufacturer should be required by the licensing authority to provide each general and specific licensee with written instructions relating to normal and emergency situations involving the use of the 7019 belt scale installation.

- See Registration **IL-8118-D-822-B and IL-8118-D-829-B (formerly** No. NR-412-D-122-B and NR-412-D-129-B) for other limitations applicable to the Model 7062B, 7062BP and 7063 source housings.

- **Installation, Initial Radiation Survey, Maintenance, Repair and Disposal: These services shall be performed by TN Technologies-Kay-Ray/Sensall, Inc., Round Rock, Texas or other persons specifically licensed by the U.S. NRC or Agreement State to perform these services.**

SAFETY ANALYSIS SUMMARY:

The Model 7019 is the mass sensing device used with the Kay-Ray Model 6000 belt scale. The model 7019 consists of the mounting platform for the source housing, the radiation detector and support members (see **Attachments 1 and 2**). The 7019 system design provides for a variety of source housing to detector separation distances ranging from about 10 to 92 inches. The source housings utilized in this system provide for a fan-shaped beam of radiation about 7° x 40° (see**Attachment 1**). If this beam were to be unguarded during times when the conveyor system, being gauged, is not operating, a person might conceivably expose a major portion of his whole body to high levels of radiation (for example with a 500 millicuries Cesium-137 source the dose rate might be as high as about 1.83 R/hr).

DEVICE TYPE: Gamma Gauge-Belt Scale

SAFETY ANALYSIS SUMMARY (continued)

To reduce the probability of accidental access to the radiation beam, Kay-Ray has been required to install physical barriers about the Model 7019 "A" frame. An illustration of such a barrier installed on a 24-inch "A" frame is shown in **Attachment 2**. It can be seen from this illustration that radiation levels at the barrier surface do not exceed about 25 mr/hr for a device loaded with a 100 millicurie Cs-137 source. Directly in the beam at the base of the barrier the dose rate is about 83 mr/hr. However, this area is not accessible to the whole body. In addition, a warning sign, posted on the barrier reads "SHUT OFF RADIATION BEAM BEFORE WORKING WITHIN THREE FEET OF THIS DEVICE."

Typical installation of this device are remote from personnel and are difficult to gain accessibility. Considering the radiation levels at accessible areas, the protective screen, warning sign, difficult accessibility, and low occupancy of areas where the Model 7019 are installed, we conclude that it is unlikely that any person will receive in any period of one calendar quarter a dose in excess of 10% of the limits specified in the table in Section 20.101(a) of 10 CFR Part 20.

Furthermore, the sealed source is secured in the device source housing in a manner that it would require special tools and extraordinary effort to remove it. This also prevents the source from being released from the device under ordinary conditions of use.

Because of the simplicity of operation of 7019 system (simple "on-off" mechanism which normally remains on) and the fact that the radiation from the device is a well-defined beam which is protected against access, the operator need not have training in radiological safety. Also, he is provided sample written instructions which tell him what to do in the event of device malfunction or accident condition.

Finally, it appears to us that it is unlikely that under abnormal occurrences, such as fire and explosion, that any person might receive a dose or dose commitment in excess of the dose to the appropriate organ as specified in Column IV of the table in Section 32.24, 10 CFR Part 32.

DEVICE TYPE: Gamma Gauge-Belt Scale

SAFETY ANALYSIS SUMMARY (continued)

We understand that the industry experience with these types of devices indicate a low probability for complete loss of containment. However, even under worst case situations involving complete loss of shielding for a device containing 500 millicuries of Cs-137 one would not expect exposures to personnel to exceed the dose specified in Table IV, Section 32.24. For example, the unshielded dose rate from a 500 millicurie Cs-137 source is about 1.85 R/hr at 30 cms. Thus, a person would have to remain more than eight hours within 30 cms of the source before receiving the emergency dose of Section 32.24 and within 5 cms for about three hours. We consider either of these to be an unlikely occurrence.

Based on the above consideration and the information and test data contained in the references cited below, we conclude that the Kay-Ray Model 7019 series belt scale gauging device with the Model 7062B, 7062BP or 7063 source housing is acceptable for licensing for distribution to persons specifically or generally licensed by the U.S. NRC or Agreement States.

Reviewer Note: This registry was originally inactivated October 19, 1990. This amendment consists of a change in vendor name and code and identifies the company responsible for installation, initial radiation surveys, maintenance, repair and disposal. No other changes were made on this amendment.

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE
(AMENDED)

NO: IL-8118-D-834-B
(Previously NR-412-D-134-B)
(Supersedes IL-412-D-834-B)

DATE: April 5, 2001

DEVICE TYPE: Gamma Gauge-Belt Scale

REFERENCES:

The following supporting documents for the Model 7019 series belt scale gauging installation assembly are hereby incorporated by reference and are made a part of this registry document:

- NRC License Nos. 12-11184-01 and 12-11184-02G.
- Kay-Ray, Inc. letters dated May 12, 1980, July 21, 1982 and December 7, 1982 with enclosures thereto.
- NRC Registry Document Nos. NR-412-D-129-B (July 1, 1980) and NR-412-D-122-B (March 1977).

ISSUING AGENCY: Illinois Department of Nuclear Safety

DATE: 04/05/01 REVIEWED BY: Sandra M. Kessinger
Sandra M. Kessinger

DATE: 4/5/01 CONCURRENCE: Charles G. Vinson
Charles G. Vinson

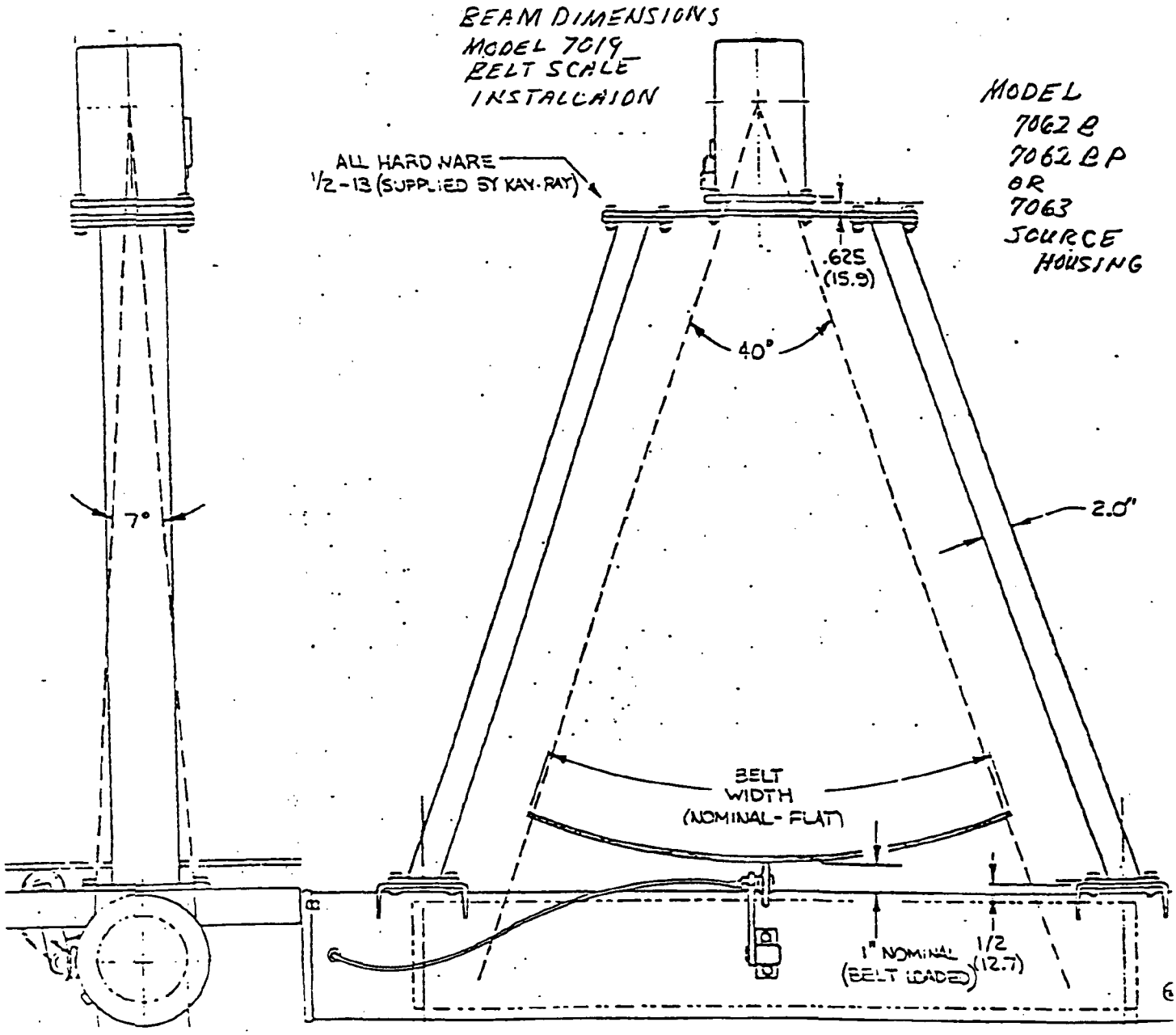
REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE
(AMENDED)

NO: IL-8118-D-834-B
(Previously NR-412-D-134-B)
(Supersedes IL-412-D-834-B)

DATE: April 5, 2001

ATTACHMENT 1

DEVICE TYPE: Gamma Gauge-Belt Scale



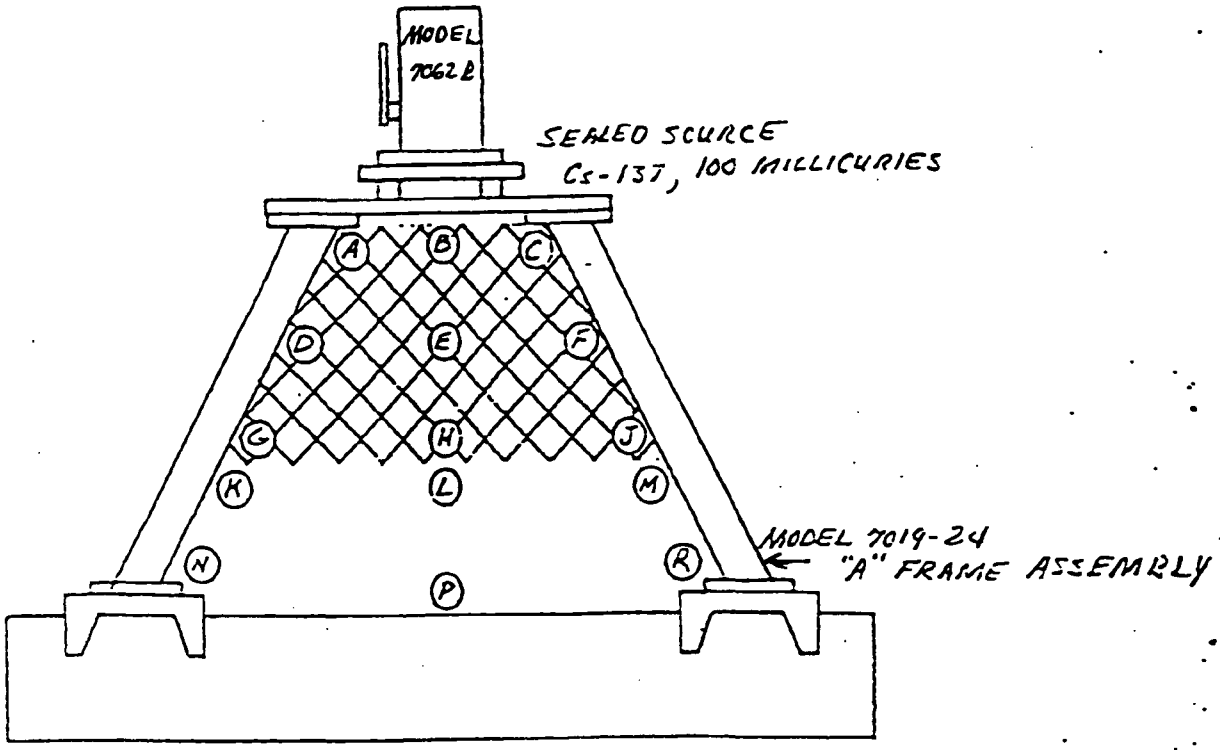
REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF SEALED SOURCE
(AMENDED)

NO: IL-8118-D-834-B
(Previously NR-412-D-134-B)
(Supersedes IL-412-D-834-B)

DATE: April 5, 2001

ATTACHMENT 2

DEVICE TYPE: Gamma Gauge-Belt Scale



NOTES:

1. READINGS A-J TAKEN AT BARRIER SURFACE.
2. READINGS K-R CENTER LINE DIRECTLY IN BEAM
3. SHUTTER IN OPEN POSITION

METER READINGS
Mr/hr

A — 1.9
B — 23
C — 2.3
D — 1.6
E — 22
F — 2.3
G — 2.0
H — 25
J — 2.5
K — 2.1
L — 83
M — 2.1
N — 3.9
P — 53
R — 3.5

INCHES(METRIC)

ENCL 4
FIG. 1

SCHN00321564

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO: OH-0522-D-118-B Date: Feb 4, 2005
Supersedes KY-512-D-105-B

DEVICE TYPE: Gamma gauge source housing

MODEL: SHRM-B, SHRM-BW

MANUFACTURER/DISTRIBUTOR:

Ohmart/VEGA Corporation
4241 Allendorf Drive
Cincinnati, OH 45209

SEALED SOURCE MODEL DESIGNATION:

Ohmart/VEGA source models
A-2100, A-2102, A-2104,
A-57878, A-58804, A-58755

ISOTOPE:	MAXIMUM ACTIVITY:
Cesium-137	3.7 GBq (100 mCi) for point source; 3.7 GBq (100 mCi) per linear foot of active source length for strip source not to exceed 37 GBq (1 Ci) total
Cobalt-60	185 MBq (5 mCi) for point source; 185 MBq (5 mCi) per linear foot of active source length for strip source not to exceed 1.85 GBq (50 mCi) total

LEAK TEST FREQUENCY: 36 months

PRINCIPLE USE: (D) Gamma Gauge

CUSTOM DEVICE: _____ Yes __X__ No

DEVICE TYPE: Gamma gauge source housing

DESCRIPTION:

The source holders are of heavy steel, welded construction and consist of lead filled cylindrical shutter mounted off center. The rotary shutter contains a source tube mounted off center such that the source is moved from the center of the device ("OFF" position) to a position tangent to the surface of the device ("ON" position) when the shutter is rotated 180°. The source is positioned within the center of the source tube with lead plugs at either end. The source holder is used in the SHRM-B and SHRM-BW model configurations. The model SHRM-BW is mounted horizontally and used in weigh scale applications. The model SHRM-B is mounted vertically and used in level gauge applications.

The SHRM-B and SHRM-BW models were originally designed for use with strip sources. However, the strip sources are no longer manufactured. The strip sources can be replaced with multiple point sources separated by lead rod spacers to simulate a strip source.

The active source length of the device can vary, and extend up to 3 meters (10 feet) long depending on the application.

The SHRM-BW source holders are used in the Ohmart Model BW gauge series. As of 1991, the SHRM-BW was the new model designation for the previous Model SHRM-XX (where the XX stood for the length of the device). It is used in Weigh Scale applications.

As of 1991, the SHRM-B was an improved version of the SHRM-BW in that it used thicker wall tubing and added a collimator as an integral part of the assembly. Both models currently have the collimator added as an integral part of the assembly. The collimator limits the beam broadening rate to 25°.

As of 2001, the manufacturer stated that approximately 1000 SHRM-B and SHRM-BW devices had been manufactured.

The device may be held in the "ON" or "OFF" position with a set pin in the handle, but may only be locked in the "OFF" position.

Prior registration

Previously registered by NRC in 1977, then inactivated in 1992 under NR-522-D-893-S after a Kentucky registration was issued.

DEVICE TYPE: Gamma gauge source housing

DESCRIPTION: continued

The device was initially registered by Kentucky in 1991 under KY-512-D-105-B, and then superseded by this registration.

Device models previously registered by the NRC and Kentucky, but whose production has been discontinued, are the SHRM, SHRM-PA, SHRM-2, SHRM-3, and SHRM-4.

Prior sources no longer used

Prior source models used, but no longer distributed, are A-5771 for Cs-137 (NR-522-D-878-S dated March 16, 1992) and A-5772 for Co-60 (NR-522-S-812-S dated March 16, 1992).

Size/dimensions/weight

The SHRM-B models are straight to fit the side of a vessel or tank. The housing containing the device/source is about 18 cm (7") thick and 28 cm (11") wide. The length of the device ranges from 198 cm (78") to 335 cm (132") weighing from 567 kg (1250 lb) to 1016 kg (2240 lbs) respectively.

The SHRM-BW models are "O" frame shaped, with the device/source on above and the detector below the conveyor belt. The height of the source holder is about 17 cm (6.625") high by 25 cm (10") wide. The length of the device ranges from 30 cm (12") to 366 cm (144") weighing from 196 kg (432 lbs) to 855 kg (1885 lbs) respectively.

On/off indicators and mechanism

The handle of the manually operated shutter is marked with an arrow that points to the words "ON" and "OFF" and may be held in either position by a shoulder screw. In addition, the shutter may be locked in the off position.

When an air or electric actuator is used, the "ON" and "OFF" indicators are those on the air or electric actuator. The actuators are "fail safe" in that they will default to the "OFF" position in the event of a loss of power by an internal return spring.

DEVICE TYPE: Gamma gauge source housing

DESCRIPTION: continued

Source access security

The source is secured from unauthorized access or removal by multiple layers of product construction. These multiple layers provide multiple barriers to the bare sources. The rotating source holder within the device by nature of its size and weight precludes its inadvertent access or removal.

Corrosion Prevention

A protective covering of epoxy paint, polymeric powder coat, or equivalent coating is used to protect the device from water and mildly corrosive environments.

Transportation

The sealed sources are submitted, and maintained, by their individual manufacturers for certification as special form sources. Copies of the appropriate special form certificates for a source model may be obtained through the distributor.

The manufacturer states that the device was tested to, and met the DOT Type 7A packaging specifications as referenced in OAC 3701:1-50-05 [10 CFR 71.5 equivalent].

Actuators

Air or electric actuators may be attached to the device to remotely open and close the shutter. The "ON" and "OFF" indicators are integral the actuators. The actuators are failsafe in that they have a spring return to close the device in the absence of power. The torque rating of the electric actuator is limited to 34 N-m (300 in lb) and the air actuator to 22 N-m (194 in lbs).

Limit Switch

A limit switch may be mounted on the device. The purpose of the limit switch is to indicate whether the device is in the fully closed position or not depending on the shutter handle position. The position status may be remotely indicated and/or be used for indicator lights on, or near, the device.

DEVICE TYPE: Gamma gauge source housing

LABELING:

The devices are labeled in accordance with Ohio Administrative Code (OAC) Chapters 3701:1-38 [10 CFR Part 20 equivalent] and 3701:1-46 [10 CFR 31 & 32 equivalent]. The labels contain the radiation symbol, isotope, activity, model number, serial number, name of the manufacturer, and the words "CAUTION - RADIOACTIVE MATERIAL".

When distributed as a generally licensed device, the device is additionally labeled in accordance with OAC 3701:1-46-05 [10 CFR 31.5 equivalent].

The caution radioactive materials labels are 7.6 x 8.9 cm (3 x 3.5") stainless steel labels and are permanently attached to the device by rivets or drive screws. The general license labels 9.2 cm x 13.3 cm (3-5/8" x 5-1/4") are made of stainless steel and are permanently attached with drive screws or rivets.

An "On Condition" warning label is attached to a new device when delivered to warn the user not to turn the device on until it has been properly commissioned by a specifically licensed person.

DIAGRAM:

Attachment 1 - SHRM-B
Attachment 2 - SHRM-BW
Attachment 3 - Caution Radiation Label
Attachment 4 - General license label text

CONDITIONS OF NORMAL USE:

The devices are typically used in industrial process control environments for the measurement of properties of materials in a tank or vessel. The devices are designed for the following environments:

Temperature	-40 to 60°C (-40 to 140°F)
Pressure	atmospheric
Vibration	mild - less than 5 g acceleration
Corrosion	mildly corrosive
Fire	accident condition only
Explosion	accident condition only

DEVICE TYPE: Gamma gauge source housing

CONDITIONS OF NORMAL USE:

The expected useful life of the source/device is 20 years. Corrosive environments and failure to maintain the device in accordance with the manufacturer's instructions may significantly decrease the expected life of the device. After this time the source and device needs to be evaluated by the manufacturer or another specifically licensed person for extending the useful life of the source and device biannually.

PROTOTYPE TESTING:

The device has been in production and usage since 1977. No known or reported product failures have resulted in significant radiation exposures.

The manufacturer states that the device meets the ANSI N43.8 classification of 54-553-554-R2. This rating means that the device remained operable after it was tested to:

- held at a high temperature of 105°C (221°F) for 30 minutes after equilibrating; and
- held at a low temperature of -40°C (-40°F) for 30 minutes after equilibrating;

and the device was also held for 5 minutes at 538°C (1000°F) under simulated accident conditions without loss of shielding or radionuclide leakage.

The sealed source contained in the device has achieved a minimum ANSI N43.6 classification of 97C43232.

The manufacturer states that the device was tested to, and met the DOT Type 7A packing specifications as referenced in OAC 3701:1-50-05 [10 CFR 71.5 equivalent].

DEVICE TYPE: Gamma gauge source housing

EXTERNAL RADIATION LEVELS:

The following dose rates were reported by the manufacturer for the specific source and model configurations.

SHRM-B with 14.8 GBq (400 mCi) of Cs-137
[48" active length = 100 mCi/ft]

	Maximum Radiation Level	
Distance cm (inches)	**ON** uSv/hr (mRem/hr)	**OFF** uSv/hr (mRem/hr)
5 (2)	160 (16)	180 (18)
30 (12)	40 (4.0)	45 (4.5)
100 (39)	4 (0.4)	5 (0.5)

SHRM-B with 1.11 GBq (30 mCi) of Co-60
[72" active length = 5 mCi/ft]

	Maximum Radiation Level	
Distance cm (inches)	**ON** uSv/hr (mRem/hr)	**OFF** uSv/hr (mRem/hr)
5 (2)	180 (18)	180 (18)
30 (12)	45 (4.5)	45 (4.5)
100 (39)	5 (0.5)	5 (0.5)

SHRM-BW with 7.4 GBq (200 mCi) of Cs-137
[21" active length = 114 mCi/ft]

	Maximum Radiation Level	
Distance cm (inches)	**ON** uSv/hr (mRem/hr)	**OFF** uSv/hr (mRem/hr)
5 (2)	190 (19)	127 (12.7)
30 (12)	47 (4.7)	31 (3.1)
100 (39)	10 (1)	7 (0.7)

DEVICE TYPE: Gamma gauge source housing

EXTERNAL RADIATION LEVELS: continued

SHRM-BW with 296 MBq (8 mCi) of Co-60
[21" active length = 4.6 mCi/ft]

	Maximum Radiation Level	
Distance cm (inches)	**ON** uSv/hr (mRem/hr)	**OFF** uSv/hr (mRem/hr)
5 (2)	100 (10)	70 (7.0)
30 (12)	30 (3.0)	14 (1.4)
100 (39)	3 (0.3)	1 (0.1)

The dose rates were taken with no material present in the measuring beam.

QUALITY ASSURANCE AND CONTROL:

The manufacturer/distributor maintains a quality assurance and control program, which has been deemed acceptable for licensing purposes by the Department. A copy of the program is on file with the Department.

The manufacturer has in place adequate organizational structure and sufficient personnel to assure that the device is manufactured in accordance with their quality assurance program. The quality assurance program covers the following subjects:

- Quality assurance organization;
- General quality assurance policy;
- Specifications and engineering drawing control and revisions;
- Incoming inspections;
- Test procedures;
- Operating procedures;
- Non-conforming parts;
- Document control;
- Equipment calibrations; and
- Quality audits and reports.

DEVICE TYPE: Gamma gauge source housing

QUALITY ASSURANCE AND CONTROL: continued

Prior to distribution, in accordance with the manufacturer's QA/QC Program, the following and other additional checks will be made of each device:

- All designs conform to information submitted in support of individual applications to include materials, dimensions within stated tolerances, manufacturing methods, and assembly methods.
- All units are leak tested to less than 185 Bq (5 nCi, 0.005 uCi).
- All units are tested for proper operation of all safety features.
- All units are verified that radiation levels do not exceed the maximum limits stated in each device application.
- All units have the correct labeling on the device and inclusion of appropriate user manuals.
- Tamper resistant hardware is applied as required in the device.

LIMITATIONS AND/OR OTHER CONSIDERATIONS OF USE:

License requirements - The device may be distributed to specific or general licensees of Ohio, an Agreement State or the NRC.

Leak testing - these devices must be leak tested by a specific licensed person at intervals not to exceed 36 months, using techniques capable of detecting 185 Bq (5 nCi, 0.005 uCi) of removable contamination.

Shutter tests must be performed at least once every 6 months.

Servicing of the device is to be performed only by the manufacturer or other specifically licensed persons who have been trained by the manufacturer.

Installation - The device may be mounted by a general licensee, but may not put into service until it is inspected by a specific licensee.

DEVICE TYPE: Gamma gauge source housing

LIMITATIONS AND/OR OTHER CONSIDERATIONS OF USE: continued

Transfer and disposal - The device containing the sealed source may be transferred only to a specifically licensed person or as specified in OAC Chapter 3701:1-46 (10 CFR 31 & 32 equivalent), or disposed at a specifically licensed disposal facility.

Physical inspections of the device and its labeling must be conducted at least once every six months for corrosion prevention and maintenance in accordance with the manufacturer's instructions.

The generally licensed user is authorized to perform certain maintenance services on the device in accordance with the device operation manual.

Administrative procedures must be established to insure that when the tank/vessel are not in use that the source is returned to the shielded position and secured until the pipe or vessel is again filled and the radiation levels to the accessible areas are acceptable.

The device shall be initially tested for proper operation of the source exposure mechanism, safety warning components, labels, external radiation levels (source exposed, source shielded) by the manufacturer or other persons specifically licensed by the Director, another Agreement State, or the NRC.

Removal from installation, and maintenance of the device involving the source, its container, or shielding shall only be performed by the manufacturer or others persons specifically licensed by the Director, another Agreement State, or the NRC to perform such services.

This registration sheet and the information contained within the references shall not be changed without the written consent of the Department.

SAFETY ANALYSIS SUMMARY:

The manufacturer has submitted sufficient information to provide reasonable assurance that:

- The device can be safely operated by persons not having training in radiological protection.

DEVICE TYPE: Gamma gauge source housing

SAFETY ANALYSIS SUMMARY: continued

- Under ordinary conditions, it is unlikely that any person will receive in any one year period a dose in excess of
  - 5 mSv (500 mRem) TEDE,
  - 50 mSv (5 Rem) DDE and CDE to any individual organ,
  - 15 mSv (1.5 Rem) LDE to the eye, or
  - 50 mSv (5 Rem) SDE to the skin or extremity.

Under accident conditions associated with handling, storage, and use of the source housing, it is unlikely that any person would receive an external radiation dose or dose commitment in excess of the dose to the appropriate organ as specified in the following chart:

PART OF BODY	DOSE
Whole body; head and trunk; active blood-forming organs; gonads; or lens of eye	0.15 Sv (15 rem)
Hands and forearms; feet and ankles; localized areas of skin averaged over areas no larger than 1 cm^2 (0.15 in^2)	2.0 Sv (200 rem)
Other organs	0.50 Sv (50 rem)

Based on review of the SHRM-B and SHRM-BW model series and the information and test data cited below, and its history, we conclude that the device is acceptable for licensing purposes.

Furthermore, we conclude that the device would be expected to maintain its containment integrity for normal conditions of use and accidental conditions that might occur during uses specified in this certificate.

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

DEVICE TYPE: Gamma gauge source housing

REFERENCES:

The following supporting documents for the ASHRM-B and SHRM-BW are hereby incorporated by reference and are made a part of this registry document:

Application with enclosures dated November 20, 1998;

Ohmart's General Device Criteria and Radiation Safety Manual;

Letters with enclosures dated August 13, 2001, June 19, 2002, November 15, 2004 and December 10, 2004.

ISSUING AGENCY:

Ohio Department of Health
Bureau of Radiation Protection

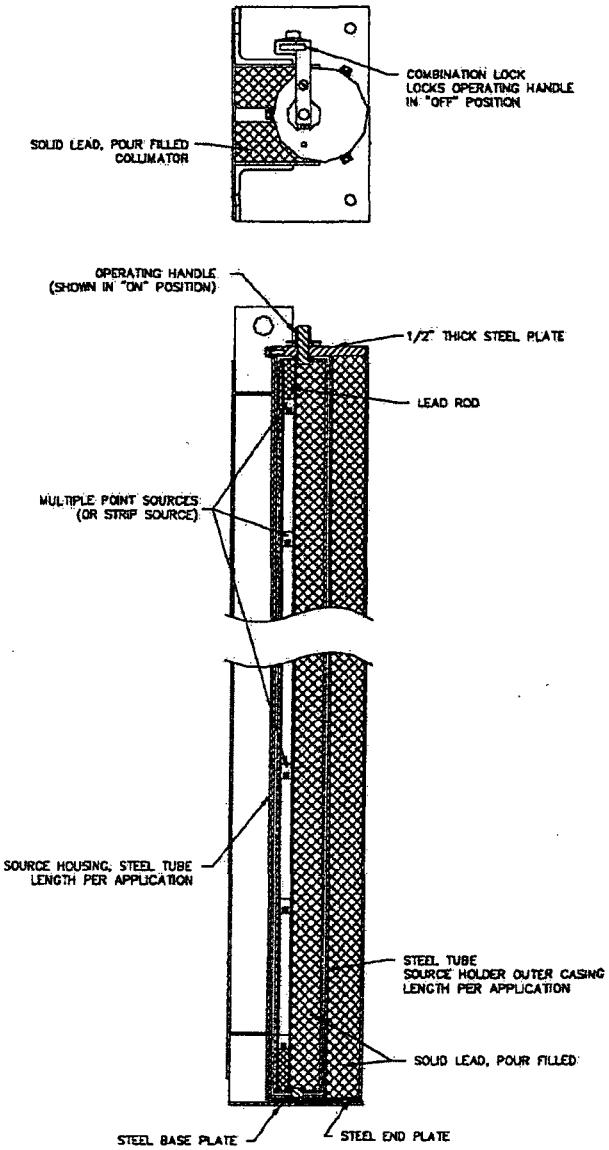
Date: 2-4-05 Reviewer: Karl Von Ahn
Karl Von Ahn, RRPT

Date: 2-4-2005 Concurrence: Kenneth Barnhart
Kenneth Barnhart

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO: OH-0522-D-118-B Date: Feb 4, 2005 Attachment: 1 of 4
Supersedes KY-512-D-105-B

SHRM-B

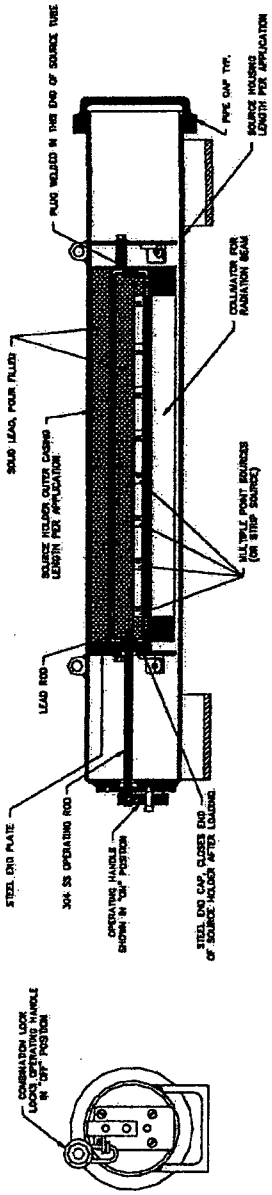


SCHN00321590

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO: OH-0522-D-118-B Date: Feb 4, 2005 Attachment: 2 of 4
Supersedes KY-512-D-105-B

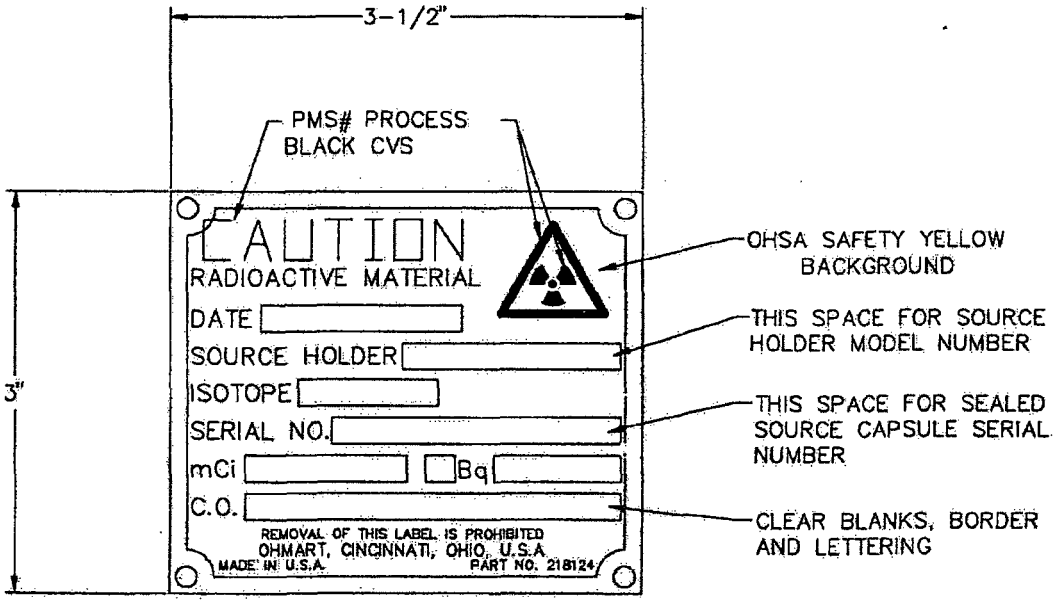
SHRM-BW



REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO: OH-0522-D-118-B Date: Feb 4, 2005 Attachment: 3 of 4
Supersedes KY-512-D-105-B

Caution Radiation Label



NOTE: BACKGROUND TO BE ETCHED FIVE MIL DEEP
AND FILLED WITH PMS YELLOW ENAMEL

REGISTRY OF RADIOACTIVE SEALED SOURCES AND DEVICES
SAFETY EVALUATION OF DEVICE

NO: OH-0522-D-118-B Date: Feb 4, 2005 Attachment: 4 of 4
Supersedes KY-512-D-105-B

General license label

General license label

FOR A DETAILED EXPLANATION OF THIS LABEL READ OHMART INSTRUCTION MANUAL RADIATION SAFETY SECTION.

RECEIPT, POSSESSION, USE AND TRANSFER OF THIS DEVICE ARE SUBJECT TO A GENERAL LICENSE OR EQUIVALENT AND REGULATIONS OF THE U.S. NRC OR AN AGREEMENT STATE.

ABANDONMENT OR DISPOSAL PROHIBITED UNLESS TRANSFERRED TO PERSONS SPECIFICALLY LICENSED BY THE NRC OR AN AGREEMENT STATE.

OPERATION PROHIBITED IF THERE IS INDICATION OF FAILURE OF OR DAMAGE TO SHIELDING, OR SOURCE CONTAINMENT.

ANY PERSON MAY MOUNT THIS DEVICE IN PLACE INITIALLY, PROVIDED THE ON-OFF MECHANISM IS LOCKED IN THE OFF POSITION. ALL OTHER DEVICE INSTALLATION, DISMANTLING, RELOCATION, REPAIR AND TESTING INVOLVING THE RADIOACTIVE MATERIAL, ITS SHIELDING AND CONTAINMENT SHALL BE PERFORMED BY PERSONS SPECIFICALLY LICENSED BY THE NRC OR AN AGREEMENT STATE.

DEVICE SHALL BE TESTED FOR RADIOACTIVE LEAKAGE AND PROPER FUNCTIONING OF ON-OFF MECHANISM AND INDICATOR AT INSTALLATION AND AT SOURCE REPLACEMENT BY PERSONS SPECIFICALLY LICENSED BY THE NRC OR AN AGREEMENT STATE. THEREAFTER, TESTING SHALL BE DONE AT NO LONGER THAN 3 YEAR INTERVALS, USING PROCEDURES STATED IN THE INSTRUCTION MANUAL.

LOSS, THEFT, OR TRANSFER OF THIS DEVICE AND FAILURE OF OR DAMAGE TO THE SHIELDING, OR THE SOURCE CONTAINMENT, MUST BE REPORTED TO THE NRC OR AN AGREEMENT STATE.

THIS LABEL SHALL BE MAINTAINED ON THIS DEVICE IN A LEGIBLE CONDITION. REMOVAL OF THIS LABEL IS PROHIBITED.

SCHNITZER STEEL PRODUCTS CO.

12005 N Burgard Road, Portland, Oregon 97203
P.O. Box 10047, Portland, Oregon 97296-0047
(503) 224-9900 FAX (503) 286-6948

Port of Portland

March 17, 2008

To Whom It May Concern:

In response to your verbal request made in March 2008, Schnitzer Steel Products Co. believes, based upon current actual knowledge and belief, that it currently is in compliance with the substantive provisions of all Federal, state and local laws or regulations, including any compliance orders or decrees issued pursuant thereto, applicable to the handling, processing, reclamation, storage or other management activities associated with recyclable scrap metal at the Schnitzer Steel Products Co. facility at 12005 N Burgard Road, Portland, Oregon.

Schnitzer Steel Products Co. in no way warrants, represents or guarantees that this statement is sufficient to satisfy the requirements of Section 127(c) of the Comprehensive Environmental Response, Compensation and Liability act, 42 U.S.C. 9627(c) as amended by the Superfund Recycling Equity Act of 1999. This statement is issued as a business accommodation only.

Sincerely,

SCHNITZER STEEL PRODUCTS CO.

James L. Jakubiak
Environmental Administrator

cc: Tom Zelenka

ALEXANDER GOW, INC.

221 FIRST AVENUE WEST, SUITE 115
SEATTLE, WASHINGTON U.S.A. 98119
TEL: (206) 285-0520 FAX: (206) 285-9243
EMAIL: SURVEYS@ALEXGOW.COM

MARINE SURVEYORS
ESTABLISHED 1923

3556 NW FRONT AVENUE SUITE 350
PORTLAND, OREGON, U.S.A. 97210
TEL: (503) 224-1925 FAX: (503) 224-1935
E-MAIL: AGOWPDX@ALEXGOW.COM

WEIGHT CERTIFICATE
BASED ON DISPLACEMENT

Vessel: Barge Sea-Link Yarder
Discharged at: International Terminals, Portland, Oregon
Cargo: Scrap Metal

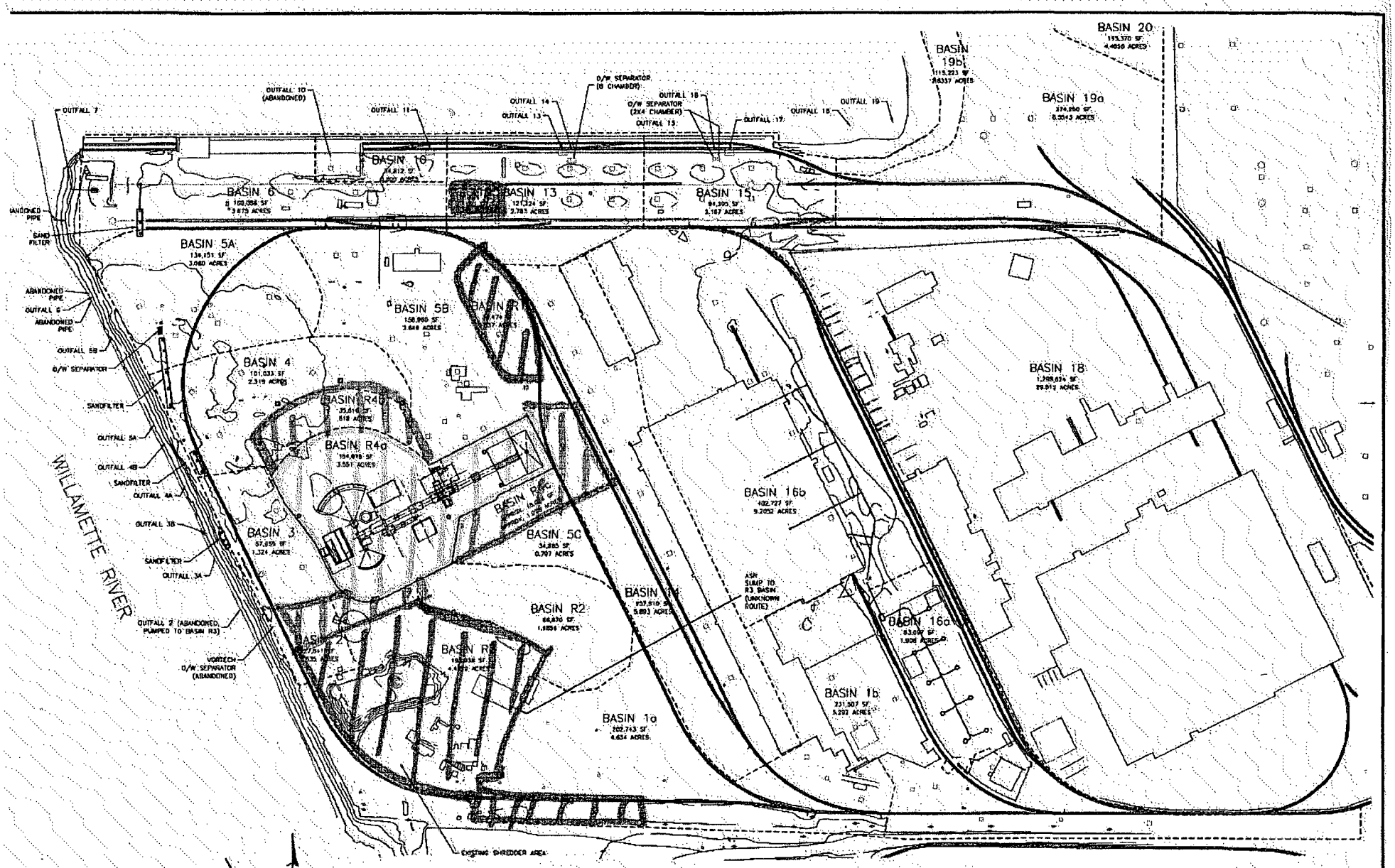
Report No. P-12852
A/c Schnitzer Steel Products Co.
Portland, Oregon

	Initial: 0800 Hrs March 10, 2008	Final: 0900 Hrs March 13, 2008
Freeboard Forward Port	8' 9.5"	14' 4.5"
Freeboard Forward Starboard	6' 9.5"	13' 3.25"
Freeboard Mid Port	6' 2.75"	12' 10.25"
Freeboard Mid Starboard	4' 1.25"	11' 7.0"
Freeboard Aft Port	3' 11.5"	11' 6.25"
Freeboard Aft Starboard	1' 7.5"	10' 1.00"
Mean Freeboard	5' 03.00"	12' 3.375"
Displacement (SW)	4721.00 MT	1657.63 MT
Density Correction (1.000)	115.15 MT (1.000)	40.43 MT
Correceted Displacement (DW)	4605.85 MT	1617.20 MT

A. Initial	4605.85 MT	
B. Final	1617.20 MT	
TOTAL CARGO DISCHARGED	**2988.65 Metric Tons**	
	2941.46 Long Tons	**(Factor 0.98421)**
	3294.42 Short Tons	**(Factor 1.10231)**

By Dennis Wells
SURVEYOR

The services of this corporation are offered and this report or certificate is issued on the following condition:
(1) That while the officers and the Board of Directors of Alexander Gow, Inc., have used their best endeavors to select competent surveyors and to insure that the functions of the corporation are properly executed, neither the officers nor the Directors nor Alexander Gow, Inc.; are under any circumstances whatever to be held responsible for any error of judgment, default, or negligence of any surveyor or other employee or representative of the corporation, or for any inaccuracy, omission, misrepresentation or misstatement in any report or certificate.



REVISED STORMWATER BASINS AND ASSOCIATED OUTFALL PLAN

1" = 100'

THIS DRAWING INCLUDING THE PRINCIPLES OF DESIGN IS THE PROPERTY OF SMITH & MONROE & GRAY ENGINEERS, INC. (SMG). THE DESIGN SHOWN IN THIS DRAWING IS SITE SPECIFIC AND SHALL BE USED ONLY FOR THE PROJECT SHOWN ON THE TITLE BLOCK. IF THIS DRAWING IS NOT STAMPED WITH AN ENGINEER'S SEAL, THE DRAWING MAY HAVE BEEN REPRODUCED FROM AN UNAUTHORIZED ELECTRONIC COPY. REFER TO A STAMPED AND SIGNED HARD COPY OF THIS DRAWING FOR THE AUTHORIZED DOCUMENT. THIS DRAWING IS NOT TO BE USED IN A MANNER THAT WOULD BE A DEPARTURE TO SMG. ACCEPTANCE OF THIS DRAWING IS AN AGREEMENT TO THE ABOVE.

SYM.	REVISIONS	BY	DATE	CHK'D
A	ISSUED FOR REPORT	MAG	8/10/07	

SMITH & MONROE & GRAY ENGINEERS, INC.

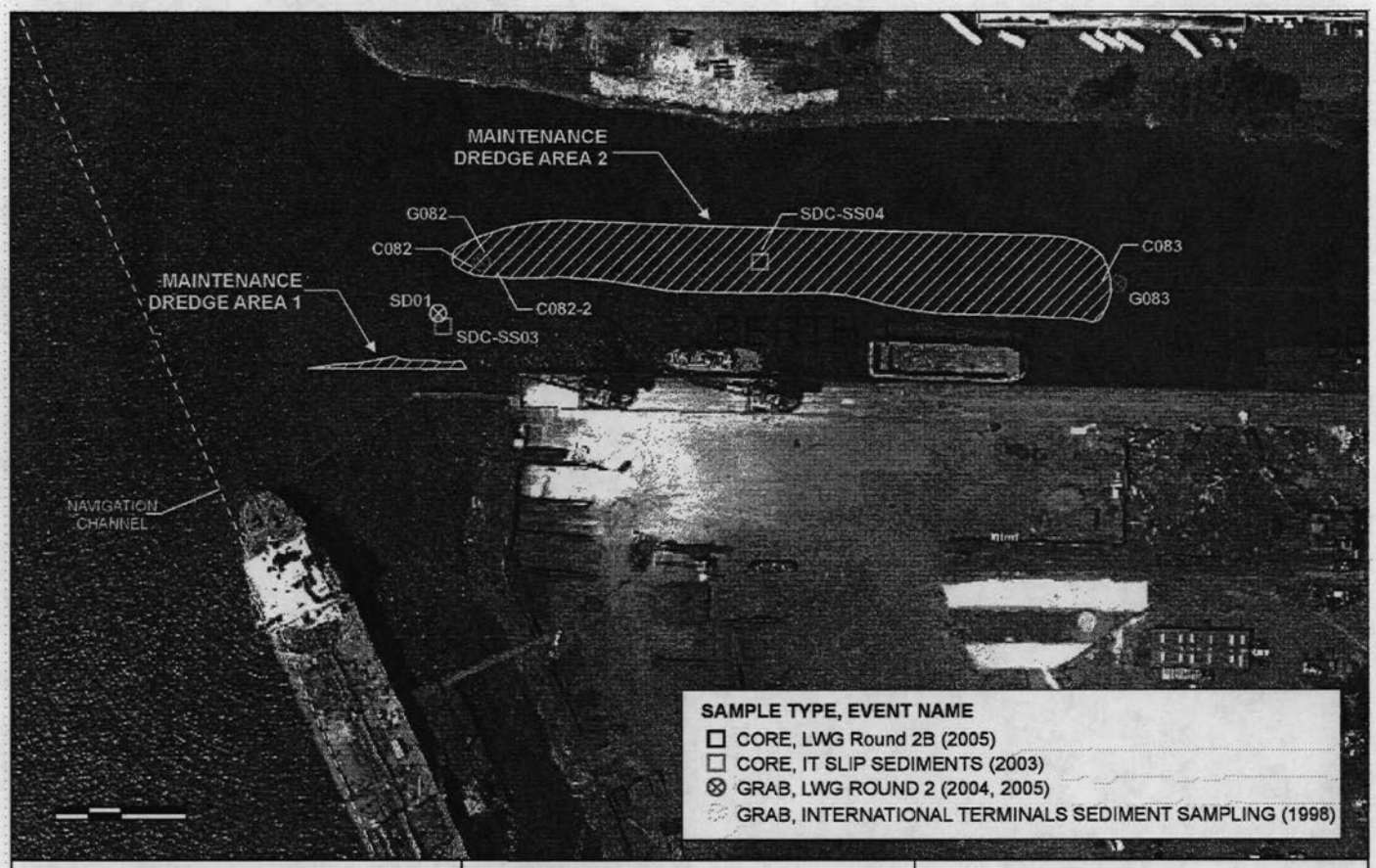
PARK PLAZA WEST, SUITE 210
10700 S.W. BEAVERTON HWY.
BEAVERTON, OREGON 97005
PHONE: (503) 643-8596
FAX: (503) 643-5810

SCHNITZER STEEL INDUSTRIES, INC.
STORMWATER MANAGEMENT PLAN
REVISED STORMWATER BASINS

DRAWN BY	DATE	CHK'D BY	DATE	SCALE	DWG. NO.	REV.
CAP	08/01/07			1" = 100'	FIGURE 1	A

PRELIMINARY

SCHN00321634



FLOYD | SNIDER
strategy • science • engineering

Schnitzer Steel Industries - International Terminal
Environmental Sediment Summary
Proposed 2008 Maintenance Dredging
Environmental Sediment Summary

Figure 3a
Existing Grab and Core Sediment Locations
Within or Adjacent to Proposed Dredge Areas

DATE: 4/24/2008 14:31:01
MXD NAME: Figure 3a (Focused Existing Grab and Core Sediment Locations).mxd

Table 3
Sediment Chemistry Results for Samples Located Within or Adjacent to 2008 Proposed Berth 1 Maintenance Dredge Areas

Parameter	Station		Berth 1 - Mouth of Slip					Berth 1 - North Slope										
	Station		SDC-SS03			SD-01	SDC-SS04	C082			C082-2			G082	C083			G083
	Sample ID		SDC-SS03R2-001802	SDC-SS03R2-002004C	SDC-SS03R2-005006	9001	SDC-SS04-000008	LW2-C082-B1	LW2-C082-C1	LW2-C082-D1	LW2-C082-B2	LW2-C082-C2	LW2-C082-D2	LW2-G082	LW2-C083-B	LW2-C083-C	LW2-C083-D	LW2-G083
	Sample Date		Mar-03	Mar-03	Mar-03	Aug-98	Mar-03	Oct-05	Oct-05	Oct-05	Oct-05	Oct-05	Oct-05	Jul-04	Oct-05	Oct-05	Oct-05	Jul-04
	Sample Depth		1-2 ft	2-4 ft	5-6ft	0-10 cm	0-8 ft	1-4.5 ft	4.5-6.9 ft	6.9-9.7 ft	1-4.5 ft	4.5-6.9 ft	6.9-8.7 ft	0-27 cm	1-4.2 ft	4.2-6.2 ft	6.2-8.3 ft	0-24 cm
	Depth relative to dredge prism		Within dredge prism	Potential Post-dredge surface	Deeper	Within dredge prism	Large composite	Within dredge prism	Potential Post-dredge surface	Deeper	Within dredge prism	Potential Post-dredge surface	Deeper	Within dredge prism	Within dredge prism	Potential Post-dredge surface	Deeper	Within dredge prism
	Units	SL1																
Conventionals																		
Total Organic Carbon	mg/kg	NA	NA	0.05	NA	1.4	0.38	0.273 T	0.05	0.12 T	0.31 T	0.195 T	0.11 JT	0.44	1.03	0.51	0.06	0.94
Total Solids	%	NA	NA	NA	NA	53	NA	NA	77.2	88.9 T	74 T	77.5 T	81.3 T	72.3	64.3	70.9	84.8	57.7
Metals																		
Antimony	mg/kg	NA	NA	0.05 UJ	NA		0.262 J	0.18 J	0.14 J	0.07 JT	0.205 JT	0.15 JT	0.095 JT	0.16 J	0.43 J	0.56 J	NA	0.23 J
Arsenic	mg/kg	20	NA	1.7	NA	NA	1.98	2.25	1.85	1.65 T	2.6 T	2.3 T	1.96 T	1.8	3.97	2.45	NA	3.09 J
Cadmium	mg/kg	1.1	NA	0.06 J	NA	NA	0.122	0.118	0.072	0.0765 T	0.167 T	0.126 T	0.08 T	0.118	0.301	0.248	NA	0.29
Chromium	mg/kg	95	NA	NA	NA	NA		18	17.3	15.3 T	20.6 T	21.1 T	17.4 T	20.4	33.3	27.4	NA	30.4
Copper	mg/kg	80	NA	12.8	NA	NA	15.3	18.8	16.1	14.9 T	26.4 T	17.8 T	16.9 T	19.6	43.9	25.6 J	NA	30
Lead	mg/kg	340	NA	2.62	NA	NA	9.02	9.06	3.12	2.4 T	10.2 T	6.63 T	2.44 T	8.68	21.9	17.8	NA	14.9
Nickel	mg/kg	60	NA	16.7	NA	NA	16.3	18 J	23 J	18.1 JT	21.2 JT	24.1 JT	20 JT	20.8	28.2 J	24.6 J	NA	24.6
Silver	mg/kg	2	NA	0.03	NA	NA	0.123	0.246	0.217	0.023 UT	0.263 T	0.232 T	0.204 T	0.067 J	0.433	0.399 J	NA	0.111 J
Zinc	mg/kg	130	NA	36.6	NA	NA	66.9	76.6	65.7	47.6 T	102 T	66.3 T	62 T	78.6	141	105	NA	114
Mercury	mg/kg	0.28	NA	0.01 U	NA	NA	0.06	0.072	0.033	0.01 U	0.0676 T	0.0346 T	0.012 JT	0.036	0.096	0.108	NA	0.063 J
SVOCs																		
2-Methylnaphthalene	µg/kg	470	0.27 U	1.6 UJ	0.28 U	NA	3.5 J	7.5	0.69 J	0.39 U	9.2 T	1.85 JT	0.54 UT	1.8 U	7.6	9.6	NA	5.5
Acenaphthene	µg/kg	1100	0.27 U	1.4 UJ	0.28 U	NA	4.2 J	4	0.21 U	0.19 U	4.85 T	0.545 JT	0.2 UT	1.4 U	16	6.1	NA	3.8
Acenaphthylene	µg/kg	470	0.21 U	1.9 UJ	0.23 U	NA	12	3.6	0.29 U	0.25 U	6.96 T	1.5 JT	0.28 UT	1.6 U	19	14	NA	5
Anthracene	µg/kg	1200	0.39 J	1.9 UJ	0.26 U	NA	15	7.4	0.29 U	0.25 U	15.5 T	3.05 JT	0.28 UT	28	28	18	NA	11
Fluorene	µg/kg	1000	0.22 U	2.3 UJ	0.23 U	NA	27 J	20	0.25 U	0.22 U	6 T	1.26 JT	0.24 UT	0.89 J	11	6.1	NA	5.3
Naphthalene	µg/kg	500	0.43 J	1.7 UJ	0.28 U	NA	11	4.4	0.46 U	0.4 U	24 T	0.46 UT	0.43 UT	0.49 U	31	33	0.42 U	12
Phenanthrene	µg/kg	6100	1.1 J	1.7 UJ	0.2 U	NA	46	22	0.68 J	0.38 U	39.6 T	8.9 T	0.41 UT	8.6	91	64	NA	41
Total LPAH	µg/kg	6600	1.92 J	2.3 UJ	1.92 J	NA	89.9 J	61.4	0.68 J	0.4 U	96.8 T	15.255 JT	0.43 UT	15.19	198	131.2	NA	78.1
Benzo(a)anthracene	µg/kg	4300	1.3 J	1.9 UJ	0.18 U	NA	48	25	0.64 J	0.19 U	73 T	18.3 T	0.2 UT	14	100	66	NA	45
Benzo(a)pyrene	µg/kg	3300	1.4 J	2.1 UJ	0.19 U	NA	72	34	0.67 J	0.26 U	103 T	20.4 T	0.28 UT	22	180	110	NA	69
Benzofluoranthenes (total)	µg/kg	600	2.6 J	3.3 UJ	0.2 U	NA	93	48	0.63 U	0.66 U	131.6 T	26.8 T	0.59 UT	32.4	260	166	NA	101
Benzo(g,h,i)perylene	µg/kg	4000	1.7 J	3 UJ	0.74 J	NA	60	35	0.61 J	0.67 U	86.6 T	15.9 T	0.29 UT	23	200	130	NA	62
Chrysene	µg/kg	6900	1.9 J	1.9 UJ	0.2 U	NA	68	34	0.64 U	0.6 U	86.6 T	19 T	0.51 UT	18	160	110	NA	62
Dibenzo(a,h)anthracene	µg/kg	800	0.37 J	2.8 UJ	0.49 J	NA	9.8 J	3.8	0.34 U	0.3 U	11.2 T	2.07 JT	0.32 UT	4.1	18	11	NA	10
Fluoranthene	µg/kg	11000	2.3 J	2.8 UJ	0.23 U	NA	49	27	0.72 J	0.39 U	92 T	22.7 T	0.49 UT	21	160	73	NA	82
Indeno(1,2,3-cd)pyrene	µg/kg	4100	1.6 J	2.6 UJ	0.69 J	NA	67	31	0.66 J	0.56 U	82.6 T	16.3 T	0.3 UT	20	160	110	NA	67
Pyrene	µg/kg	8800	2.9 J	1.7 UJ	0.16 U	NA	97	74	0.49 J	0.41 U	160 T	31.6 T	0.64 UT	27	280	220	NA	94
Total HPAH	µg/kg	31000	16.07 J	3.3 UJ	0.28 U	NA	643.8 J	311.8	3.68 J	1.72 U	826.2 T	170.97 JT	1.03 UT	181.6	1498	986	NA	672
Dimethyl phthalate	µg/kg	46	NA	2.4 UJ	NA	NA	2.6 U	2.5 U	2.4 U	2.1 U	2.4 UT	2.4 UT	2.3 UT	2.6 U	6.6 U	5.1 U	NA	6.1 U
Diethylphthalate	µg/kg	NA	NA	4.6 UJ	NA	NA	4.7 U	4.8 U	4.6 U	4 U	4.7 UT	4.6 UT	4.3 UT	4.9 U	11 U	9.9 U	NA	12 U
Di-n-butyl phthalate	µg/kg	NA	NA	3.4 UJ	NA	NA	3.6 U	7.4 J	4.6 J	3 U	6.3 JT	6.7 JT	6.2 JT	14	12 U	9.6 U	NA	13 J
Butyl benzyl phthalate	µg/kg	260	NA	2 UJ	NA	NA	2.1 U	2.1 U	2 U	1.7 U	2 UT	2 UT	1.9 UT	2.1 U	8.8 J	4.3 U	NA	6.1 U
bis(2-ethylhexyl)phthalate	µg/kg	220	NA	6.4 J	NA	NA	19 J	130	6.2 U	2 U	29 UT	6.9 UT	6.9 UT	37 U	100 U	36 U	NA	**240**
Di-n-octyl phthalate	µg/kg	26	NA	1.6 UJ	NA	NA	1.7 U	1.7 U	1.6 U	1.4 U	1.6 UT	1.6 UT	1.5 UT	1.7 U	3.8 U	3.4 U	NA	4.1 U
Phenol	µg/kg	NA	NA	2.6 U	NA	NA	6.2 J	2.6 U	2.6 U	2.2 U	4.66 JT	2.6 UT	2.4 UT	6.9 J	60 U	31 U	NA	7.8 J
2-Methylphenol	µg/kg	NA	NA	4.6 U	NA	NA	4.6 U	4.6 U	4.6 U	3.9 U	4.6 UT	4.4 UT	4.2 UT	4.7 U	11 U	9.6 U	NA	12 U
3- & 4-Methylphenol	µg/kg	NA	NA	3.8 U	NA	NA	6.3 J	4 U	3.8 U	3.3 U	5.96 JT	3.8 UT	3.6 UT	4 U	12 J	9.6 J	NA	9.8 U
2,4-Dimethylphenol	µg/kg	NA	NA	7.2 U	NA	NA	7.4 U	7.5 U	7.2 U	6.3 U	7.4 UT	7.1 UT	6.8 UT	7.6 U	18 U	16 U	NA	19 U
Pentachlorophenol	µg/kg	NA	NA	12 U	NA	NA	12 U	0.63 U	0.6 U	0.53 U	0.62 UT	0.6 UT	0.57 UT	1.1 J	0.72 U	0.65 U	NA	3.3 U
Benzyl alcohol	µg/kg	NA	NA	4.9 UJ	NA	NA	6 U	5 U	4.8 U	4.2 U	5 UT	4.8 UT	4.6 UT	6.1 U	12 U	11 U	NA	13 U
Benzoic acid	µg/kg	NA	NA	130 U	NA	NA	130 U	130 U	130 U	110 U	130 UT	130 UT	NA	140 U	300 U	280 U	NA	330 U
1,2-Dichlorobenzene	µg/kg	NA	NA	1.7 UJ	NA	NA	1.8 U	1.8 U	1.7 U	1.6 U	1.8 UT	1.7 UT	1.6 UT	1.8 U	4.1 U	3.7 U	NA	4.4 U
1,3-Dichlorobenzene	µg/kg	NA	NA	2.1 UJ	NA	NA	2.2 U	2.2 U	2.1 U	1.9 UJ	2.2 UT	2.1 UT	2 UT	2.2 U	5 U	4.6 U	NA	6.4 U
1,4-Dichlorobenzene	µg/kg	NA	NA	2.6 UJ	NA	NA	2.6 U	0.17 U	0.16 U	0.14 U	0.16 UT	0.16 UT	0.15 UT	0.17 U	0.19 U	0.17 U	0.15 U	0.21 U
1,2,4-Trichlorobenzene	µg/kg	NA	NA	2 UJ	NA	NA	2.1 U	2.1 U	2 U	1.7 U	2 UT	2 UT	1.9 UT	2.1 U	4.7 U	4.3 U	NA	6.1 U
Hexachlorobenzene	µg/kg	NA	NA	2.8 UJ	NA	NA	2.9 U	0.066 U	0.063 UJ	0.16 U	0.36 JT	0.062 UT	0.059 UT	0.228 J	0.2 U	0.096 U	NA	7.1 U
Dibenzofuran	µg/kg	400	0.26 U	1.7 UJ	0.27 U	NA	1.8 U	3.1	0.23 U	0.2 U	3.46 T	0.88 JT	0.21 UT	0.71 J	6.7	4.4	NA	3
Hexachloroethane	µg/kg	NA	NA	2.9 UJ	NA	NA	3 U	0.64 U	0.068 U	1.4 UJ	0.23 UJT	0.28 UJT	0.064 UJT	0.0608 UJ	0.2 J	0.46 UJ	NA	0.0666 UJ
Hexachlorobutadiene	µg/kg	NA	NA	1.9 UJ	NA	NA	1.9 U	0.26 U	0.25 U	0.41 UJ	0.26 UJT	0.26 UT	0.24 UT	0.0344 U	0.86	0.8 J	NA	0.0444 UJ
N-Nitrosodiphenylamine	µg/kg	NA	NA	2.9 UJ	NA	NA	3 U	3 U	2.9 U	2.6 UJ	3 UT	2.9 UT	2.8 UT	3.1 U	6.9 U	1	NA	7.4 U
Pesticides																		
4,4'-DDD	µg/kg	NA	NA	0.11 U	NA	NA	2.4	2.3	0.11 U	0.33 U	1.7 T	0.376 T	0.11 UT	0.928	1.2	1.3	NA	1.76 J
4,4'-DDE	µg/kg	NA	NA	0.13 U	NA	NA	4.1 J	1.3 J	0.056 UJ	0.049 U	1.1 JT	0.246 T	0.053 UT	0.769	1.2 NJ	1.4 NJ	NA	1.43 J
4,4'-DDT	µg/kg	NA	NA	0.23 U	NA	NA	3.4 UM	1.4 J	0.66 J	0.16 U	1.66 NJT	0.19 UT	0.18 UT	0.248	6.9	6	NA	1.02 NJ
PCBs																		
PCBs (total)	µg/kg	60	NA	2.4 U	NA	NA	**96**	**67 J**	1.5 U	1.3 U	48.6 JT	7.8 JT	1.4 UT	**150 J**	**205 J**	**234 J**	3.5 J	**69**
TBT																		
TBT in sediment	µg/kg	75	NA	0.47 UJ	NA	**110**	11	7.5	0.35 U	0.23 U	**80 T**	0.073 UT	0.069 UT	46	**638**	4	NA	**89**

Notes:
Concentrations highlighted in BOLD and SHADED exceed the Sediment Evaluation Framework (SEF) Interim Freshwater SL1 criteria.
NA Not Available
Qualifiers:
U - Undetected
J - The analyte was analyzed for and positively identified, but the associated numerical value is an estimated quantity.

SCHN00321639

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

TRUCK NO.	89
SHIPMENT NO:	T1258
CONTACT:	Mat Cusma
DATE:	4/4/2008

NAME OF CARRIER: Thomas Gray & Associates, Inc.

TO:	FROM:
CONSIGNEE: Thomas Gray & Associates, Inc.	CONSIGNOR: Schnitzer Steel, Inc.
STREET: 1205 West Barkely Ave.	STREET: 12005 N. Burgard Way
CITY: Orange STATE: CA	CITY: Portland STATE: OR
ZIP CODE: 92868 PHONE: 714-997-8090	ZIP CODE: 97203 PHONE: 503.286.6944

24 HOUR EMERGENCY RESPONSE TELEPHONE NUMBER: (714) 997-8090

TOTAL QUANTITY	HM	BASIC DESCRIPTION (PROPER SHIPPING NAME, IDENTIFICATION # (UN OR NA), PACKING GROUP, PER 172.101-103)	NO. OF UNITS & CONTAINER TYPE	WEIGHT (LBS)	RATE
30-gal steel		Radioactive Material, Type A Package, 7, UN2915	1	140 ~~98.0~~	
drum					
		Isotope: Cs137			
		Activity: 925 MBq (25 mCi)			
		Contact Dose Rate: 0.6 mR/hr			
		TI: 0			
		Label: Yellow II			
		Drum ID: T1258-D01			
		Description:			
		Kay-Ray/Sensall Gamma Belt Gauge Model 7019 Series			
		GENERATOR: Schnitzer Steel			
		RMA#			

PLACARDS TENDERED: None

I hereby declare that the contents of this consignment are full and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.

GENERATOR SIGNATURE

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and conditions of contents of packages unknown), marked, consigned and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutally agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the Bill of Lading terms and conditions in the governing classification on the date of shipment.

Receiver hereby certifies that he is familar with all the Bill of Lading term and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

RECEIVER: Thomas Gray & Associates, Inc.	CARRIER: Thomas Gray & Associates, Inc.
SIGNATURE:	SIGNATURE
DATE:	DATE: 4-4-08

SCHN00321863

NRC FORM 540 — U.S. NUCLEAR REGULATORY COMMISSION
EXPIRES 6/30/2007 — rev. 12-07

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code): M-F 8am-5pm (714) 997-8090 / After Hours (714) 745-5211
ORGANIZATION: Thomas Gray & Associates, Inc.

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? [X] YES [ ] NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST → 2

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes" provide Manifest Number → NO
EPA MANIFEST NUMBER

5. SHIPPER - NAME AND FACILITY
Schnitzer Steel
12005 N. Burgard Road
Portland, OR 97203
USER PERMIT NUMBER: G2122 — SHIPMENT NUMBER:
CONTACT: Mat Cusma — EXT
TELEPHONE NUMBER: 503.286.6944
EPA ID. NUMBER: CAD 088 151 648
SHIPPING DATE: 04/04/08
TELEPHONE NUMBER: 714-997-8090
DATE: 4/4/08

SHIPPER EPA ID. NUMBER
[ ] COLLECTOR
[ ] PROCESSOR
[X] GENERATOR
TYPE (Specify)

6. CARRIER - Name and Address
Thomas Gray & Associates, Inc.
1205 W. Barkley Ave
Orange, CA 92868
CONTACT: Rich Gallego
SIGNATURE - Authorized carrier acknowledging waste receipt

7. NRC FORM 540 AND 540A PAGE 1 OF 1 PAGES(3)
NRC FORM 541 AND 541A PAGE 1 OF 2 PAGES(3)
NRC FORM 542 AND 542A PAGE 1 OF 1 PAGES(3)
ADDITIONAL INFORMATION PAGE 1 OF ____ PAGES(5)

8. MANIFEST NUMBER: T1259

9. CONSIGNEE - Name and Facility Address
Environmental Management & Controls
3106 S. Faith Home Road
Turlock, CA 95380
CONTACT: Gaye Nelson
TELEPHONE NUMBER: 209-667-1102
SIGNATURE - Authorized consignee acknowledging waste receipt
DATE: 4/10/08

10. CERTIFICATION: This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are packaged, marked, and labeled and are in proper condition for transportation disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.
AUTHORIZED SIGNATURE — TITLE: Environmental Admin. — DATE: 4-7-08

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL "RADIOACTIVE"	13. LABEL INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (Bq)	17. UN / ID CLASS	18. TOTAL WEIGHT (kg/lbs)	19. PACKAGE I.D. NUMBER
Radioactive material, Type A Package, 7, UN2915	Yellow II	1	solid / broken gauge with contaminated lead	Cs137	2775.0 MBq (75.0) mCi	N/A	185.9 410.0	T1259-D02
Radioactive material, Type A Package, 7, UN2915	Yellow II	1	solid / broken gauge with contaminated lead	Cs137	2775.0 MBq (75.0) mCi	N/A	124.3 274.0	T1257-D03

FOR CONSIGNEE USE ONLY

email: mcusma@schn.com
fax: 503.471.4694

EMC

WASTE RECEIPT ACKNOWLEDGEMENT PREFERENCE (please check a box and add information if necessary)

[ ] FAX _____

[ ] EMAIL _____

SCHN00321864

NRC FORM 541
EXPIRES 8/30/2007 rev. 05.12

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

CONTAINER AND WASTE DESCRIPTION

1. MANIFEST TOTALS

NUMBER OF PACKAGES/ DISPOSAL CONTAINERS	NET WASTE VOLUME (m³/ft³)	NET WASTE WEIGHT (kg/lbs)	SPECIAL NUCLEAR MATERIAL (grams) U233	U235	Pu	TOTAL (g)
2	0.6436 22.73	310.2 684.0	0	0	0	0

ACTIVITY (MBq/mCi) ALL NUCLIDES	TRITIUM	C14	Tc-99	I129	SOURCE (kg)
5550.0 MBq 150.0 mCi	0	0	0	0	0.0E+00

2. MANIFEST NUMBER
T1259

3. PAGE 1 OF 2 PAGE(S)

4. SHIPPER NAME
Schnitzer Steel

SHIPPER ID NUMBER

PERMIT NUMBER
G2122

5. CONTAINER ID NUMBER / GENERATOR ID NUMBER(S)	6. CONTAINER DESCRIPTION (SEE NOTE 1)	7. VOLUME (m³/ft³)	8. WASTE & CONTAINER WEIGHT (kg/lbs)	9. SURFACE RADIATION LEVEL mR/hr X / uR/hr X / mR/hr X	10. SURFACE CONTAMINATION MBq / 100 cm² ALPHA	BETA-GAMMA	PHYSICAL DESCRIPTION 11. WASTE DESCRIPTOR (SEE NOTE 2)	12. APPROX. WASTE VOLUME(S) IN CONTAINER (m³/ft³)	13. SORBENT, SOLIDIFICATION, STABILIZATION MEDIA (SEE NOTE 3)	14. CHEMICAL DESCRIPTION CHEMICAL FORM / CHELATING AGENT	WEIGHT % CHELATING AGENT IF > 0.1%	15. RADIOLOGICAL DESCRIPTION INDIVIDUAL RADIONUCLIDES AND ACTIVITIES (MBq) AND CONTAINER TOTAL OR CONTAINER TOTAL ACTIVITY AND ISOTOPE	(MBq)	(mCi)	kg	gm	16. WASTE CLASSIFICATION AS, AU, B, C
T1259-D02	4	0.3218 11.36	185.97 410.0	50 mR/hr 0.5 mR/hr	<1.67e-6	<1.67e-5	40	0.3218 11.36	100	broken gauge with contaminated lead	NP	Cs137	2775.0	75.0			AU
T1259-D03	4	0.3218 11.36	124.29 274.0	50 mR/hr 0.5 mR/hr	<1.67e-6	<1.67e-5	40	0.3218 11.36	100	broken gauge with contaminated lead	NP	Cs137	2775.0	75.0			AU

NOTE 1: Container Description Code. For containers/ waste requiring disposal in approved structural overpacks the numerical code must be followed by "-OP".
1. Wooden Box or Crate
2. Metal Box
3. Plastic Drum or Pail
4. Metal Drum or Pail
5. Metal Tank or Liner
6. Concrete Tank or Liner
7. Polyethylene Tank or Liner
8. Fiberglass Tank or Liner
9. Demineralizer
10. Gas Cylinder
11. Bulk, Unpackaged Waste
12. Unpackaged Components
13. High Integrity Container
19. Other. Describe in Item 8, or additional page

NOTE 2: Waste Descriptor Codes: (Choose up to three which predominate by volume)
20. Charcoal
21. Incinerator Ash
22. Soil
23. Gas
24. Oil
25. Aqueous Liquid
26. Filter Media
27. Mechanical Filter
28. EPA or State Hazardous
29. Demolition Rubble
30. Cation Ion-Exchange Media
31. Anion Ion-Exchange Media
32. Mixed Bed Ion-Exchange Media
33. Contaminated Equipment
34. Organic Liquid (except oil)
35. Glassware or Labware
36. Sealed source/device
37. Paint or Plating
38. Evaporator Bottoms/Sludge/ Concentrates
39. Compactible Trash
40. Noncompactible Trash
41. Animal Carcass
42. Biological Material (except animal carcass)
43. Activated Material
59. Other. Describe in Item 11, or additional page

NOTE 3: For solidification media that meet disposal site structural stability requirements, the numerical code must be followed by "-S". For all solidification media, the vendor (manufacturer) and brand name must also be identified in Item 13. Code 100 = NONE REQUIRED.

Sorbition
60. Speedi Dri
61. Celatom
62. Floor Dry/ Superfine
63. H Dri
64. Safe T Sorb
65. Safe N Dri
66. Floco
67. Floco X
68. Solid A Sorb
69. Chemal 30
70. Chemal 50
71. Chemal 3030
72. Diesperl HP200
73. Diesperl HP500
74. Petroset
75. Petroset II
76. Aquaset
77. Aquaset II
79. Other. Describe in Item 13 or additional page

Solidification
80. Cement
81. Concrete (encapsulation)
82. Bitumen
83. Vinyl Chloride
84. Vinyl Ether Styrene
89. Other. Describe in Item 13, or additional page

SCHN00321865

NRC FORM 542 U.S. NUCLEAR REGULATORY COMMISSION
EXPIRES 7/31/2004 rev. 05.12

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

MANIFEST INDEX AND REGIONAL COMPACT TABULATION

List all original "PROCESSED WASTE" generators (if any) before "COLLECTED WASTE" generators

1. WASTE COLLECTOR/PROCESSOR

NAME: Thomas Gray & Associates, Inc.

IDENTIFICATION NUMBER:

PERMIT NUMBER: G2122

SHIPPING DATE: 4/4/2008

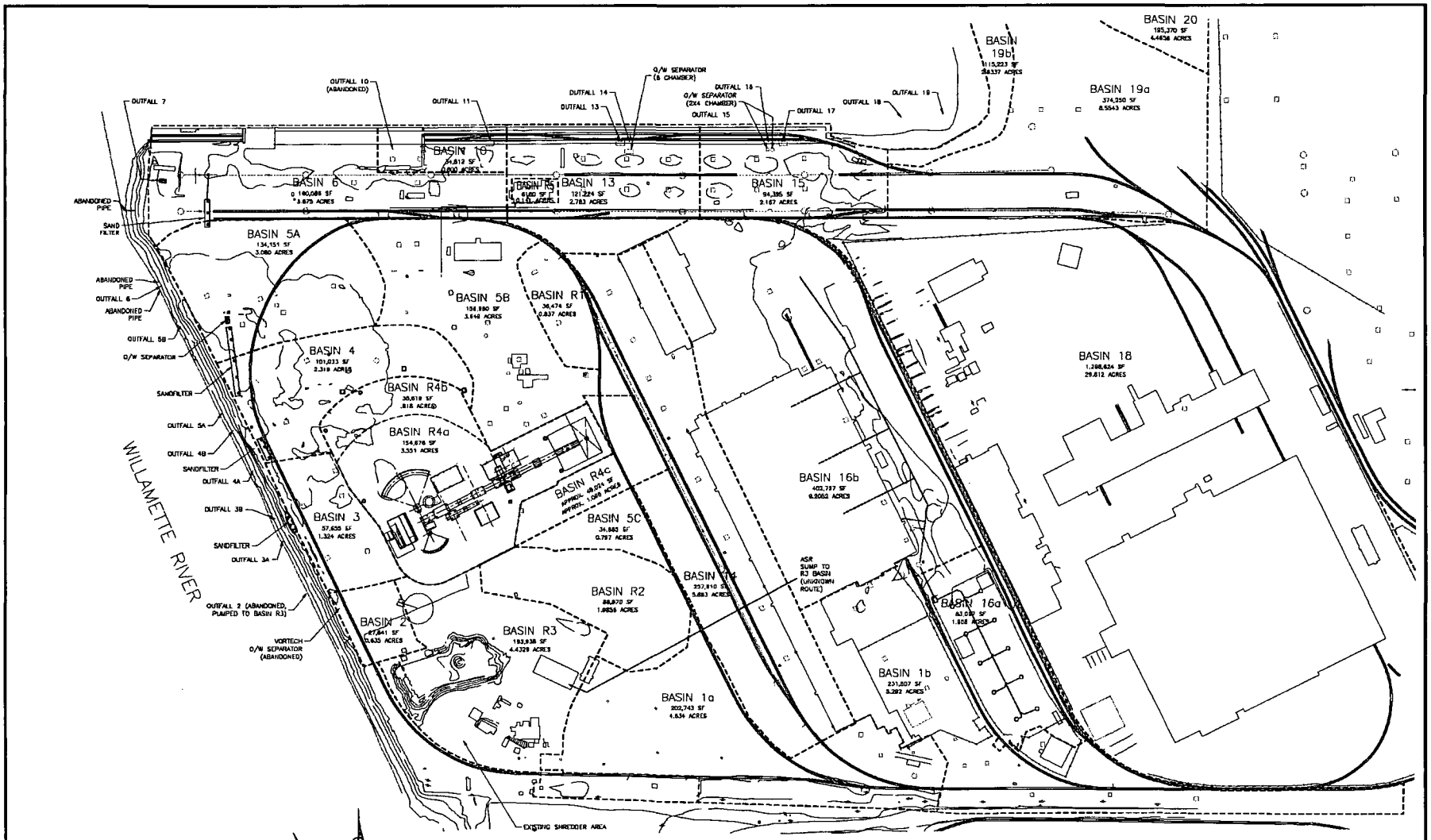
SHIPPER USE ONLY

2. MANIFEST NUMBER: T1259

1. PAGE 1 of 1

4. GENERATOR IDENTIFICATION NUMBER	5. GENERATOR NAME PERMIT NUMBER (IF APPLICABLE) AND TELEPHONE NUMBER	6. GENERATOR FACILITY ADDRESS	7. PREPROCESSED WASTE (OR MATERIAL VOLUME (m³))	8. MANIFEST NUMBER(S) UNDER WHICH WASTE (OR MATERIAL) RECEIVED AND DATE OF RECEIPT	9. WASTE CODE P = PROCESSED C = COLLECTED	10. ORIGINATING COMPACT REGION OR STATE	11. AS PROCESSED/COLLECTED TOTAL A. SOURCE MATERIAL (kg)	B. SNM (g)	C. ACTIVITY (MBq)	D. VOLUME (m³)
	Schnitzer Steel G2122 503.286.8944	12005 N. Burgard Road Portland, OR 97203 Mat Cusma	0.6438 m³	T1259 4/4/2008	C	WA	0.00E+00	0.00E+00	5.55E+03	0.6438

SCHN00321866



A/1 REVISED STORMWATER BASINS AND ASSOCIATED OUTFALL PLAN
1" = 100'

PRELIMINARY

THIS DRAWING INCLUDING THE PRINCIPLES OF DESIGN IS THE PROPERTY OF SMITH & MONROE & GRAY ENGINEERS, INC. (SMG). THE DESIGN SHOWN IN THIS DRAWING IS SITE SPECIFIC AND SHALL BE USED ONLY FOR THE PROJECT SHOWN ON THE TITLE BLOCK. IF THIS DRAWING IS NOT STAMPED WITH AN ENGINEER'S SEAL, THE DRAWING MAY HAVE BEEN REPRODUCED FROM AN UNAUTHORIZED ELECTRONIC COPY. REFER TO A STAMPED AND SIGNED HARD COPY OF THIS DRAWING FOR THE AUTHORIZED DOCUMENT. THIS DRAWING IS NOT TO BE USED IN A MANNER THAT WOULD BE A DETRIMENT TO SMG. ACCEPTANCE OF THIS DRAWING IS AN AGREEMENT TO THE ABOVE.

REV.	REVISIONS	BY	DATE	CHK'D
A	ISSUED FOR REPORT	SMG	8/10/07	

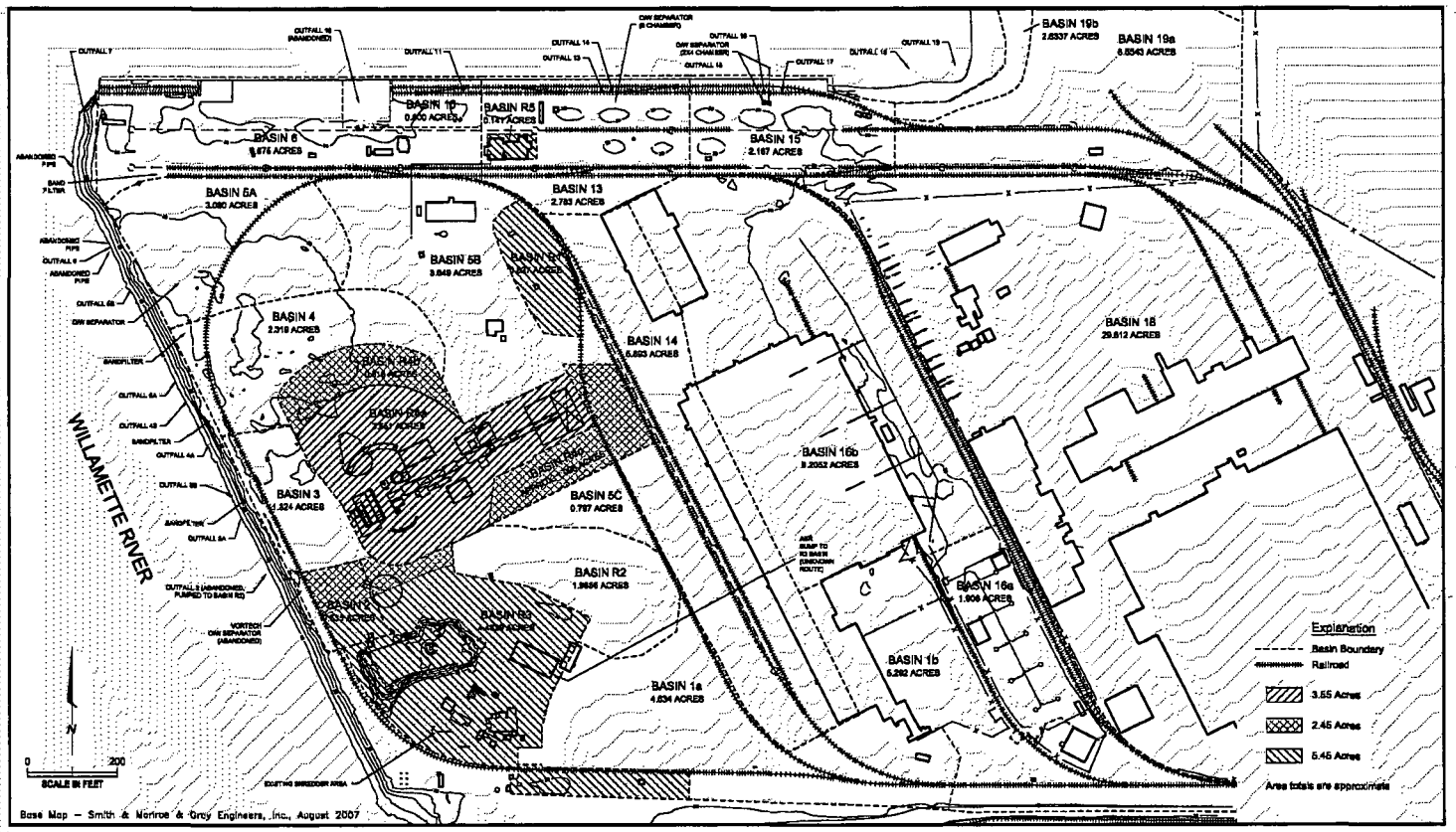
SMITH & MONROE & GRAY ENGINEERS, INC.
PARK PLAZA WEST, SUITE 210
10700 S.W. BEAVERTON HWY.
BEAVERTON, OREGON 97005
PHONE: (503) 646-8595
FAX: (503) 643-8810

SCHNITZER STEEL INDUSTRIES, INC.
STORMWATER MANAGEMENT PLAN
REVISED STORMWATER BASINS

DRAWN BY	DATE	CHKD BY	DATE	SCALE	DWG NO.	REV.
CAP	08/01/07			1" = 100'	FIGURE 1	A

SCHN00321868

Oversize Document Reduced for Production Purposes.
Full-size Available Upon Request



PES Environmental, Inc.
Engineering & Environmental Services

Process Water Drainage Areas
Schnitzer Steel Industries
Portland, Oregon

PLATE **1**

JOB NUMBER	DRAWING NUMBER	REVIEWED BY	DATE
835.009.01.001	835009_elwtr		1/08

SCHN00321942

Columbia Analytical Services INC.

An Employee - Owned Company

Date: 8/7

Number of pages including cover sheet: ____

To: Jim Jakubiak
Schnitzer Steel

Phone:

Fax phone:

CC: John Harrie

From: Harry [illegible]

Columbia Analytical Services, Inc.
1317 South 13th Avenue
P.O. Box 479
Kelso, WA 98626

Phone: (360) 577-7222 ext.

Fax phone: (360) 636-1068

REMARKS: ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please comment

IMPORTANT NOTE:

The documents accompanying this transmission may contain information which is legally privileged and/or confidential. The information is intended only for the use of the individual or entity named above. If you are not the intended recipient, or the person responsible for delivering it to the intended recipient, you are hereby notified that any disclosure, copying, distribution, or use of any of the information contained in this transmission is strictly **PROHIBITED**. If you have received this transmission in error, please immediately notify us by telephone and mail the original transmission to us. Thank you for your cooperation and assistance.

H:\Group\Forms\Kelsofax.doc

1317 South 13th Avenue Kelso, Washington 98626 (360) 577-7222 (360) 636-1068 fax

Columbia Analytical Services INC.
An Employee - Owned Company

May 7, 2008 Analytical Report for Service Request No: K0802710

Jim Jakubiak
Schnitzer Steel Products Company
P.O. Box 10047
Portland, OR 97210

RE: SSI Portland

Dear Jim:

Enclosed are the results of the samples submitted to our laboratory on March 28, 2008. For your reference, these analyses have been assigned our service request number K0802710.

All analyses were performed according to our laboratory's quality assurance program. Where applicable, the methods cited conform to the Methods Update Rule (effective 4/11/2007), which relates to the use of analytical methods for the drinking water and waste water programs. The test results meet requirements of the NELAC standards. Exceptions are noted in the case narrative report where applicable. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3260. You may also contact me via Email at HJacky@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Harvey Jacky
Project Chemist

HJ/lb

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
i	The MRL/MDL has been elevated due to a matrix interference.
X	See case narrative.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
B	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL has been elevated due to a matrix interference.
X	See case narrative.
*	The duplicate analysis not within control limits. See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP Pesticides).
U	The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
i	The MRL/MDL has been elevated due to a chromatographic interference.
X	See case narrative.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

Columbia Analytical Services, Inc.
Kelso, WA
State Certifications, Accreditations, and Licenses

Program	Number
Alaska DEC UST	UST-040
Arizona DHS	AZ0339
Arkansas - DEQ	88-0637
California DHS	2286
Colorado DPHE	-
Florida DOH	E87412
Hawaii DOH	-
Idaho DHW	-
Indiana DOH	C-WA-01
Louisiana DEQ	3016
Louisiana DHH	LA050010
Maine DHS	WA0035
Michigan DEQ	9949
Minnesota DOH	053-999-368
Montana DPHHS	CERT0047
Nevada DEP	WA35
New Jersey DEP	WA005
New Mexico ED	-
North Carolina DWQ	605
Oklahoma DEQ	9801
Oregon - DHS	WA200001
South Carolina DHEC	61002
Utah DOH	COLU
Washington DOE	C1203
Wisconsin DNR	998386840
Wyoming (EPA Region 8)	-

SCHN00321952

Case Narrative

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Schnitzer Steel Products Company	**Service Request No.:**	K0802710
Project:	SSI Portland	**Date Received:**	03/28/08
Sample Matrix:	Solid		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II data deliverables. When appropriate to the method, method blank results have been reported with each analytical test. Surrogate recoveries have been reported for all applicable organic analyses. Additional quality control analyses reported herein include: Laboratory Duplicate (DUP), Matrix Spike (MS), Matrix/Duplicate Matrix Spike (MS/DMS), and Laboratory Control Sample (LCS).

Sample Receipt

Six solid samples were received for analysis at Columbia Analytical Services on 03/28/08. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

TCLP Metals

No anomalies associated with the analysis of these samples were observed.

PCB Aroclors by EPA Method 8082

Second Source Exceptions:
The analysis of PCB Aroclors by EPA 8082 requires the use of dual column confirmation. When the Initial Calibration Verification (ICV) criteria are met for both columns, the higher of the two sample results is generally reported. The primary evaluation criteria were not met on the confirmation column for Aroclor 1248 in the ICV for CAL7272. The ICV results are reported from the acceptable column. The data quality is not affected. No further corrective action was necessary.

Continuing Calibration Verification (CCV) Exceptions:
The analysis of PCB Aroclors by EPA 8082 requires the use of dual column confirmation. When the CCV criteria are met for both columns, the higher of the two sample results is generally reported. The primary evaluation criterion was exceeded for the following analyte in Continuing Calibration Verification (CCV) 0418F049: Aroclor 1260. In accordance with CAS standard operating procedures, the alternative evaluation specified in the EPA method was performed using the average percent recovery of all analytes in the verification standard. The standard meets the alternative evaluation criteria. The results for all target Aroclors are reported from the column with an acceptable CCV. The data quality is not affected. No further corrective action was necessary.

Matrix Spike Recovery Exceptions:
Insufficient sample volume was received to perform a Matrix Spike/Matrix Spike Duplicate (MS/MSD). A Laboratory Control Sample/Duplicate Laboratory Control Sample (LCS/DLCS) was analyzed and reported in lieu of the MS/MSD for these samples.

Elevated Method Reporting Limits:
Samples ASR 3 and ASR 5 required dilution due to the presence of elevated levels of target analyte. The reporting limits are adjusted to reflect the dilution.

Approved by HC Date 5/1/08

Sample Notes and Discussion

Two Aroclors were identified in samples ASR 3 and ASR 5: Aroclor 1242 and Aroclor 1254. When mixtures of PCB Aroclors are present in a sample, correct identification and quantitative analysis of the individual Aroclors can be subjective. In particular, when mixtures are present, differentiating Aroclor 1242 from Aroclor 1248 can be difficult.

A review of the sample chromatograms indicated the presence of PCB patterns or matrix components that spanned the entire elution range from Aroclor 1242 through the end of Aroclor 1260. Based on individual PCB peaks in the early portion of the chromatogram, Aroclor 1242 was identified and quantified. Although the presence of Aroclor 1248 cannot be ruled out, Aroclor 1242 appears to be the best match based on the early eluting peaks in the PCB chromatogram. Aroclor 1254 was identified based on the presence of PCB peaks eluting late in the chromatogram.

Approved by A **Date** 5/12/09

Chain of Custody Documentation

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

PC 113

Client / Project: Schnitzer Service Request K08 2710

Received: 3/28/08 Opened: 3/28/08 By: T Kal

1. Samples were received via? *US Mail* *Fed Ex* *UPS* *DHL* *GH* *GS* *PDX* *Courier* *Hand Delivered*
2. Samples were received in: (circle) *Cooler* *Box* *Envelope* *Other* _____ *NA*
3. Were custody seals on coolers? NA Y N If yes, how many and where? _____
   If present, were custody seals intact? Y N If present, were they signed and dated? Y N
4. Is shipper's air-bill filed? If not, record air-bill number: _____ NA Y N
5. **Temperature of cooler(s) upon receipt (°C):** B4
   Temperature Blank (°C):
6. If applicable, list Chain of Custody Numbers:
7. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
8. Packing material used. *Inserts* *Baggies* *Bubble Wrap* *Gel Packs* *Wet Ice* *Sleeves* *Other* paper
9. **Did all bottles arrive in good condition (unbroken)?** *Indicate in the table below.* NA Y N
10. Were all sample labels complete (i.e analysis, preservation, etc.)? Y N
11. Did all sample labels and tags agree with custody papers? *Indicate in the table below* Y N
12. **Were appropriate bottles/containers and volumes received for the tests indicated?** NA Y N
13. Were the pH-preserved bottles tested* received at the appropriate pH? *Indicate in the table below* NA Y N
14. Were VOA vials and 1631 Mercury bottles received without headspace? *Indicate in the table below.* NA Y N
15. **Are CWA Microbiology samples received with >1/2 the 24hr. hold time remaining from collection?** NA Y N
16. Was C12/Res negative? NA Y N

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Sample ID	Bottle Count	Bottle Type	Out of Temp	Head-space	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials

*Does not include all pH preserved sample aliquots received. See sample receiving SOP (SMO-GEN).

Additional Notes, Discrepancies, & Resolutions: 1. No Sample I.D. on any bag.

SCHN00321957

Columbia Analytical Services INC.
An Employee - Owned Company

CHAIN OF CUSTODY

1317 South 13th Ave. • Kelso, WA 98626 • (360) 577-7222 • (800) 695-7222x07 • FAX (360) 636-1068

SR#: K0802710

PAGE 1 OF 1 COC #

SCHN00321958

PROJECT NAME: SSI PORTLAND
PROJECT NUMBER:
PROJECT MANAGER: JOHN HARRIS
COMPANY/ADDRESS: PO BOX 10047
CITY/STATE/ZIP: PORTLAND, OR 97296-0047
E-MAIL ADDRESS:
PHONE #: 503.737.6848 FAX#: 503.471.4413
SAMPLER'S SIGNATURE:

SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX	NUMBER OF CONTAINERS	Semivolatile Organics by GC/MS 625☐ 8270☐ 8270LL☐	Volatile Organics 624☐ 8260☐ 8021☐ BTEX☐	Hydrocarbons (*see below) Gas☐ Diesel☐ Oil☐ ☐ Fuel Fingerprint (FIQ) ☐ NW-HCID Screen	Oil & Grease/TRPH 1664 HEM☐ 1664 SGT☐	PCB's Aroclors☐ Congeners☐	Pesticides/Herbicides 608☐ 8081A☐ 8141A☐ 8151A☐	Chlorophenolics - 8151M Tri☐ Tetra☐ PCP☐	PAHS 8310☐ SIM☐	Metals, Total or Dissolved (See list below) TCLP	Cyanide☐ Hex-Chrom☐	pH, Cond, Cl, SO4, PO4, F, NO2, NO3, BOD, TSS, TDS (circle) NH3-N, COD, Total-P, TKN, TOC, DOC (circle) NO2+NO3	TOX 9020☐ AOX 1650☐ 506☐	REMARKS
ASR 2	3/14/08	Comp		S	1									X				
3	↓	↓		↓	1					X								
4					1									X				
5					1					X								
6					1									X				
7	↓	↓		↓	1									X				

REPORT REQUIREMENTS

X I. Routine Report: Method Blank, Surrogate, as required
___ II. Report Dup., MS, MSD as required
___ III. Data Validation Report (includes all raw data)
___ IV. CLP Deliverable Report
___ V. EDD

INVOICE INFORMATION

P.O. #
Bill To:

TURNAROUND REQUIREMENTS

___ 24 hr. ___ 48 hr.
___ 5 Day
X Standard (10-15 working days)
___ Provide FAX Results

Requested Report Date

Circle which metals are to be analyzed:

Total Metals: Al (As) Sb (Ba) Be B Ca (Cd) Co (Cr) Cu Fe (Pb) Mg Mn Mo Ni K (Ag) Na (Se) Sr Tl Sn V Zn (Hg)

Dissolved Metals: Al As Sb Ba Be B Ca Cd Co Cr Cu Fe Pb Mg Mn Mo Ni K Ag Na Se Sr Tl Sn V Zn Hg

*INDICATE STATE HYDROCARBON PROCEDURE: AK CA WI NORTHWEST OTHER:_____ (CIRCLE ONE)

SPECIAL INSTRUCTIONS/COMMENTS:

PCBs - 8082
8 RCRA METALS TCLP
(ABOVE)

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date/Time: 3/28/08 10:00	Signature: [signature] Date/Time: 3/28/08 10:00	Signature: [signature] Date/Time: 3/28/08 11:06	Signature: [signature] Date/Time: 3/28/08 1220
Printed Name: JOHN HARRIS Firm: SCHN	Printed Name: [signature] Firm: CAS	Printed Name: [signature] Firm: MB	Printed Name: [signature] Firm: CAS

RCOC #1 06/03

Total Solids

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Schnitzer Steel Products Company	**Service Request:**	K0802710
Project:	SSI Portland		
Sample Matrix:	Soil		

Total Solids

Prep Method:	NONE	**Units:**	PERCENT
Analysis Method:	160.3M	**Basis:**	Wet
Test Notes:			

Sample Name	Lab Code	Date Collected	Date Received	Date Analyzed	Result	Result Notes
ASR 3	K0802710-002	03/14/2008	03/28/2008	03/31/2008	97.4	
ASR 5	K0802710-004	03/14/2008	03/28/2008	03/31/2008	87.6	

Metals

COLUMBIA ANALYTICAL SERVICES, INC.

- Cover Page -
INORGANIC ANALYSIS DATA PACKAGE

Service Request : K0802710

Client : Schnitzer Steel Products Company
Project Name : SSI Portland
Project No. : NA

Sample Name :	Lab Code :
ASR 2	K0802710-001
ASR 2	K0802710-001S
ASR 4	K0802710-003
ASR 6	K0802710-005
ASR 7	K0802710-006
Method Blank	K0802710-MB

Comments:

Approved By: _____ Date: 4/22/08

SCHN00321962

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Schnitzer Steel Products Company
Project Name : SSI Portland
Project Number : NA
Matrix : Soil

Service Request : K0802710
Date Collected : 03/14/08
Date Received : 03/28/08
Date TCLP Performed : 04/02/08
Date Extracted : 04/03-07/08
Date Analyzed : 04/08/08

Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Metals
Units: mg/L (ppm) in TCLP Extract

Sample Name : ASR 2
Lab Code : K0802710-001

Analyte	EPA Method	MRL	Regulatory Limit *	Sample Result	Result Notes
Arsenic	3010A/6010B	0.1	5	ND	
Barium	3010A/6010B	1.0	100	ND	
Cadmium	3010A/6010B	0.01	1	0.18	
Chromium	3010A/6010B	0.01	5	0.11	
Lead	3010A/6010B	0.05	5	3.23	
Mercury	7470A	0.001	0.2	ND	
Selenium	3010A/6010B	0.1	1	ND	
Silver	3010A/6010B	0.02	5	ND	

* From 40 CFR Part 261, et al., and Federal Register, March 29, 1990 and June 29, 1990.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Schnitzer Steel Products Company
Project Name : SSI Portland
Project Number : NA
Matrix : Soil

Service Request : K0802710
Date Collected : 03/14/08
Date Received : 03/28/08
Date TCLP Performed : 04/02/08
Date Extracted : 04/03-07/08
Date Analyzed : 04/08/08

Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Metals
Units: mg/L (ppm) in TCLP Extract

Sample Name : ASR 4
Lab Code : K0802710-003

Analyte	EPA Method	MRL	Regulatory Limit *	Sample Result	Result Notes
Arsenic	3010A/6010B	0.1	5	ND	
Barium	3010A/6010B	1.0	100	ND	
Cadmium	3010A/6010B	0.01	1	0.2	
Chromium	3010A/6010B	0.01	5	0.04	
Lead	3010A/6010B	0.3	5	5.1	
Mercury	7470A	0.001	0.2	ND	
Selenium	3010A/6010B	0.1	1	ND	
Silver	3010A/6010B	0.02	5	ND	

* From 40 CFR Part 261, et al., and Federal Register, March 29, 1990 and June 29, 1990.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Schnitzer Steel Products Company
Project Name : SSI Portland
Project Number : NA
Matrix : Soil

Service Request : K0802710
Date Collected : 03/14/08
Date Received : 03/28/08
Date TCLP Performed : 04/02/08
Date Extracted : 04/03-07/08
Date Analyzed : 04/08/08

Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Metals
Units: mg/L (ppm) in TCLP Extract

Sample Name : ASR 6
Lab Code : K0802710-005

Analyte	EPA Method	MRL	Regulatory Limit *	Sample Result	Result Notes
Arsenic	3010A/6010B	0.1	5	ND	
Barium	3010A/6010B	1.0	100	1.2	
Cadmium	3010A/6010B	0.01	1	0.28	
Chromium	3010A/6010B	0.01	5	0.04	
Lead	3010A/6010B	0.05	5	4.08	
Mercury	7470A	0.001	0.2	ND	
Selenium	3010A/6010B	0.1	1	ND	
Silver	3010A/6010B	0.02	5	ND	

* From 40 CFR Part 261, et al., and Federal Register, March 29, 1990 and June 29, 1990.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Schnitzer Steel Products Company
Project Name : SSI Portland
Project Number : NA
Matrix : Soil

Service Request : K0802710
Date Collected : 03/14/08
Date Received : 03/28/08
Date TCLP Performed : 04/02/08
Date Extracted : 04/03-07/08
Date Analyzed : 04/08/08

Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Metals
Units: mg/L (ppm) in TCLP Extract

Sample Name : ASR 7
Lab Code : K0802710-006

Analyte	EPA Method	MRL	Regulatory Limit *	Sample Result	Result Notes
Arsenic	3010A/6010B	0.1	5	ND	
Barium	3010A/6010B	1.0	100	1.1	
Cadmium	3010A/6010B	0.01	1	0.31	
Chromium	3010A/6010B	0.01	5	0.04	
Lead	3010A/6010B	0.3	5	6.5	
Mercury	7470A	0.001	0.2	ND	
Selenium	3010A/6010B	0.1	1	ND	
Silver	3010A/6010B	0.02	5	ND	

* From 40 CFR Part 261, et al., and Federal Register, March 29, 1990 and June 29, 1990.

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Schnitzer Steel Products Company
Project Name : SSI Portland
Project Number : NA
Matrix : Soil

Service Request : K0802710
Date Collected : NA
Date Received : NA
Date TCLP Performed : 04/02/08
Date Extracted : 04/03-07/08
Date Analyzed : 04/08/08

Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Metals
Units: mg/L (ppm) in TCLP Extract

Sample Name : Method Blank
Lab Code : K0802710-MB

Analyte	EPA Method	MRL	Regulatory Limit *	Sample Result	Result Notes
Arsenic	3010A/6010B	0.1	5	ND	
Barium	3010A/6010B	1.0	100	ND	
Cadmium	3010A/6010B	0.01	1	ND	
Chromium	3010A/6010B	0.01	5	ND	
Lead	3010A/6010B	0.05	5	ND	
Mercury	7470A	0.001	0.2	ND	
Selenium	3010A/6010B	0.1	1	ND	
Silver	3010A/6010B	0.02	5	ND	

* From 40 CFR Part 261, et al., and Federal Register, March 29, 1990 and June 29, 1990.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client : Schnitzer Steel Products Company
Project Name : SSI Portland
Project Number : NA
Matrix : Soil

Service Request : K0802710
Date Collected : 03/14/08
Date Received : 03/28/08
Date TCLP Performed : 04/02/08
Date Extracted : 04/03-07/08
Date Analyzed : 04/08/08

Matrix Spike Summary
Toxicity Characteristic Leaching Procedure (TCLP)
EPA Method 1311
Metals
Units: mg/L (ppm) in TCLP Extract

Sample Name : ASR 2
Lab Code : K0802710-001S

Analyte	Spike Level	Sample Result	Spiked Sample Result	Percent Recovery*	Result Notes
Arsenic	5.0	ND	5.2	104	
Barium	10	ND	10.7	107	
Cadmium	1.0	0.18	1.09	91	
Chromium	5.0	0.11	4.66	91	
Lead	5.0	3.23	7.52	86	
Mercury	0.005	ND	0.005	100	
Selenium	1.0	ND	1.1	110	
Silver	1.0	ND	1.02	102	

* From 40 CFR Part 261, et al., and Federal Register, March 29, 1990 and June 29, 1990.

Polychlorinated Biphenyls
PCB's
EPA Method 8082

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Schnitzer Steel Products Company	**Service Request:**	K0802710
Project:	SSI Portland	**Date Collected:**	03/14/2008
Sample Matrix:	Misc. solid	**Date Received:**	03/28/2008

Polychlorinated Biphenyls (PCBs)

Sample Name:	ASR 3	**Units:**	mg/Kg
Lab Code:	K0802710-002	**Basis:**	Dry
Extraction Method:	EPA 3540C	**Level:**	Low
Analysis Method:	8082		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U	0.50	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1221	ND	U	1.0	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1232	ND	U	0.50	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1242	**9.6**	D	0.50	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1248	ND	U	0.50	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1254	**8.1**	D	0.50	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1260	ND	U	0.50	5	04/14/08	04/21/08	KWG0803100	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	107	38-144	04/21/08	Acceptable

Comments:

SCHN00321970

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Schnitzer Steel Products Company	**Service Request:**	K0802710
Project:	SSI Portland	**Date Collected:**	03/14/2008
Sample Matrix:	Misc. solid	**Date Received:**	03/28/2008

Polychlorinated Biphenyls (PCBs)

Sample Name:	ASR 5	**Units:**	mg/Kg
Lab Code:	K0802710-004	**Basis:**	Dry
Extraction Method:	EPA 3540C	**Level:**	Low
Analysis Method:	8082		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U	0.57	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1221	ND	U	1.2	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1232	ND	U	0.57	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1242	**9.4**	D	0.57	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1248	ND	U	0.57	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1254	**13**	D	0.57	5	04/14/08	04/21/08	KWG0803100	
Aroclor 1260	ND	U	0.57	5	04/14/08	04/21/08	KWG0803100	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	102	38-144	04/21/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client:	Schnitzer Steel Products Company	**Service Request:**	K0802710
Project:	SSI Portland	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA

Polychlorinated Biphenyls (PCBs)

Sample Name:	Method Blank	**Units:**	mg/Kg
Lab Code:	KWG0803100-3	**Basis:**	Dry
Extraction Method:	EPA 3540C	**Level:**	Low
Analysis Method:	8082		

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Aroclor 1016	ND	U	0.10	1	04/14/08	04/19/08	KWG0803100	
Aroclor 1221	ND	U	0.20	1	04/14/08	04/19/08	KWG0803100	
Aroclor 1232	ND	U	0.10	1	04/14/08	04/19/08	KWG0803100	
Aroclor 1242	ND	U	0.10	1	04/14/08	04/19/08	KWG0803100	
Aroclor 1248	ND	U	0.10	1	04/14/08	04/19/08	KWG0803100	
Aroclor 1254	ND	U	0.10	1	04/14/08	04/19/08	KWG0803100	
Aroclor 1260	ND	U	0.10	1	04/14/08	04/19/08	KWG0803100	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Decachlorobiphenyl	74	38-144	04/19/08	Acceptable

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Schnitzer Steel Products Company
Project: SSI Portland
Sample Matrix: Misc. solid

Service Request: K0802710

Surrogate Recovery Summary
Polychlorinated Biphenyls (PCBs)

Extraction Method: EPA 3540C
Analysis Method: 8082

Units: PERCENT
Level: Low

Sample Name	Lab Code	Sur1
ASR 3	K0802710-002	107 D
ASR 5	K0802710-004	102 D
Method Blank	KWG0803100-3	74
Lab Control Sample	KWG0803100-1	80
Duplicate Lab Control Sample	KWG0803100-2	82

Surrogate Recovery Control Limits (%)

Sur1 =	Decachlorobiphenyl	38-144

Results flagged with an asterisk (*) indicate values outside control criteria.
Results flagged with a pound (#) indicate the control criteria is not applicable.

SCHN00321973

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client:	Schnitzer Steel Products Company	**Service Request:**	K0802710
Project:	SSI Portland	**Date Extracted:**	04/14/2008
Sample Matrix:	Soil	**Date Analyzed:**	04/19/2008

Lab Control Spike/Duplicate Lab Control Spike Summary
Polychlorinated Biphenyls (PCBs)

Extraction Method:	EPA 3540C	**Units:**	mg/Kg
Analysis Method:	8082	**Basis:**	Dry
		Level:	Low
		Extraction Lot:	KWG0803100

	Lab Control Sample KWG0803100-1 Lab Control Spike			Duplicate Lab Control Sample KWG0803100-2 Duplicate Lab Control Spike					
Analyte Name	**Result**	**Expected**	**%Rec**	**Result**	**Expected**	**%Rec**	**%Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	0.884	1.60	55	1.07	1.60	67	44-130	19	40
Aroclor 1260	1.10	1.60	69	1.22	1.60	77	52-127	11	40

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Thomas Gray and Associates, Inc.

1205 WEST BARKLEY AVE.
ORANGE, CA 92868
PH: 714-997-8090
FAX: 714-997-3561
www.tgainc.com

April 7, 2008

Schnitzer Steel, Inc.
12005 N. Burgard Way
Portland, OR 97203

RE: Radioassay of scrap items

Introduction

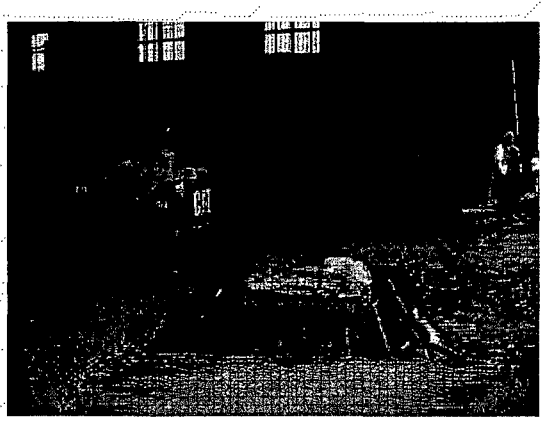
Thomas Gray & Associates, Inc. (TGA) was contacted with regard to radiological incident RPS-08-0025 with permission from Schnitzer Steel at their St. Johns facility. The suspect scrap items had been offloaded from a Canadian scrap metal barge which consequently alarmed portal radiation detectors. Oregon Public Health Division / Office of Environmental Public Health / Radiation Protection Services (RPS) had been working with Schnitzer Steel to evaluate public and occupational health concerns. Oregon RPS' preliminary investigation work, in conjunction with experts from two nuclear gauge manufacturers, determined that two pieces of the suspect scrap appeared to be sheared sections of one Ohmart/VEGA SHRM-BW Gamma Gauge. The third item was identified as a Kay-Ray/Sensall 7019 belt scale device. For purposes of disposal TGA concurred and operated under the assumed identities of the scrap items.

TGA was contacted to facilitate packaging, transport, and disposal of the 3 suspect items. On Monday, March 31, 2008 TGA traveled to Schnitzer Steel, 12005 N. Burgard Way, Portland, OR at the request of Mr. Mat Cusma of Schnitzer Steel. Schnitzer Steel does not possess a specific radioactive materials license.

TGA on-site personnel consisting of TGA's Radiation Safety Officer and a health physics consultant from Northwest Radiation Services, Inc. performed on-site packaging of the suspect scrap items into DOT approved shipping containers.

Procedures

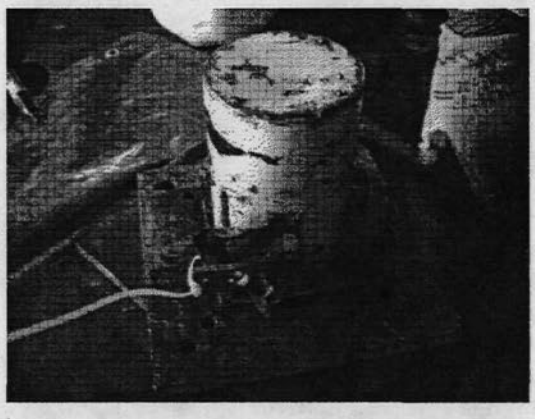
A Bicron MicroRem LE (s/n: 1230) survey meter, calibrated on 10/01/2007, was used to determine a work area with sufficiently low background readings. Once a background of 5 μR/hr was established, a 2 mil tarp was laid down for utilization as a work area. Scrap items had been stored in a secure area, wrapped in plastic upon a wooden pallet. The pallet was moved to the tarped area so work could proceed. Personal protective equipment (PPE) consisted of Tyvek® suits, safety glasses, high visibility vests, hard hats, nitrile gloves under latex/Kevlar coated work gloves, and



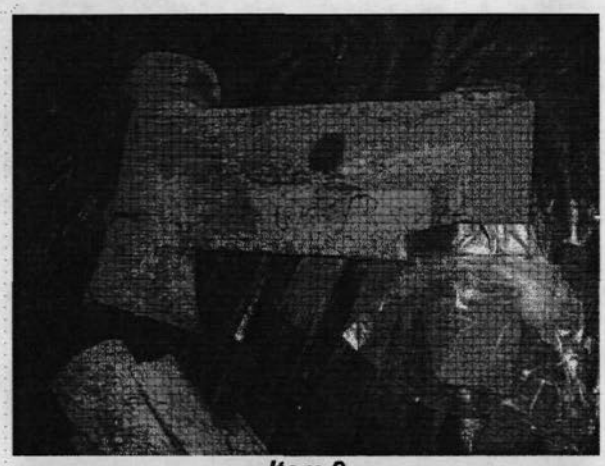
steel toed shoes. A calibrated Ludlum Model 3 (s/n 132909) with 44-9 GM pancake probe was used for surveying items that came in direct contact with the scrap items.

The three scrap items were first given item numbers. The Kay-Ray/Sensall source holder is further known as **Item 1**, the C-shaped section of the Ohmart gamma gauge is known as **Item 2**, and the straight section of the Ohmart gamma gauge is **Item 3**. The SSD sheets for the 3 items indicated loads of Cs137 or Co60 sources in various activity configurations. Using a Canberra Inspector 1000 gamma spectra were taken of each item to verify the radioactive material as Cs137 (661 keV). A sample of the data from Item 2 is appended to the end of this report.

Using a Ludlum Model 14C (s/n 177529) with 44-6 energy compensating probe, an initial survey was conducted of all 3 items to determine areas of elevated radiation. At this time it was verified that the shutter mechanism on the source holder of Item 1 was partially or completely open. A dose rate in excess of 100 mR/hr was observed on the lower face. Dose rates from the sides and back of the source holder did not exceed 0.75 mR/hr at the surface. After bending a torn piece of metal away from the shutter arm, TGA was able to close the shutter. Due to the questionable reliability of the shutter mechanism, a 1" thick, 12" x 12" plate of lead was bolted the bottom of the source holder. A cable tie was looped through the shutter arm to secure the shutter in the closed position. Once secured, Item 1 was placed in a 30-gal 7A steel drum and braced for transport. Maximum dose rate on contact with the drum was 0.6 mR/hr. The drum for Item 1 was given the Drum ID #T1258-D01

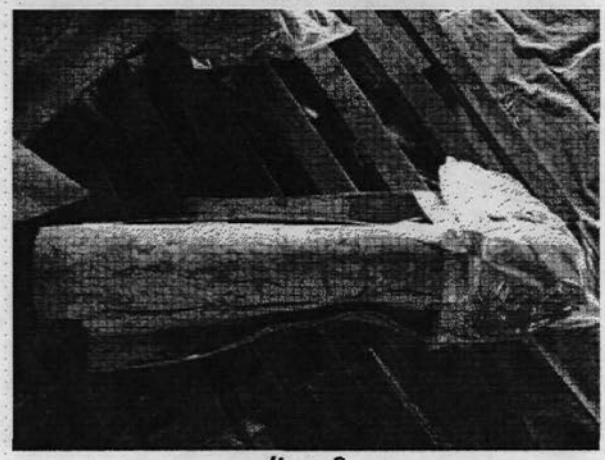


Item 2 and Item 3 were surveyed along various points with a Bicron MicroRem to determine dose rates with greater sensitivity. The sheared ends of Item 2 and Item 3 contributed to the most significant sources of radiation. Based upon the SSD sheet for the SHRM-BW device, point sources were used in conjunction with lead spacers to simulate strip sources with a 21" active area with no more than 200 mCi total. Aside from the sheared end, the rest of the device appeared to be intact and it is therefore assumed the remaining sources are in place and intact. Without knowledge of the exact device identity and original activity, it is impractical to assay the device to a greater degree for purposes of disposal. Accounting for partial decay and loss of material Item 2 and Item 3 individually contain Cs137 activity approximately 75 mCi not to exceed 100 mCi. Two plastic liners were placed over each sheared end and cable tied in place. Each item was packaged into separate 85-gallon 7A steel drums. The drum for Item 2 was given the drum ID #T1259-D02 weighing 410 lbs. The drum for Item 3 was given the drum ID #T1259-D03 weighing 274 lbs.



Item 2

Item 2 (cross section)



Item 3

Item 3 (cross section)

At the conclusion of packaging the empty pallet was surveyed for release using a Ludlum Model 3 (s/n 132909) with 44-9 pancake probe. No readings above background were detected. The tarp under the work area and all PPE were packaged inside the drum containing Item 2 for disposal as contaminated dry waste. Oregon RPS took wipe samples of storage area floor and determined no removable contamination was present using a NaI detector. TGA conducted wipe samples of the transportation containers and using a Beckman LS6500 liquid scintillation counter determined no removable contamination was present. The LSC results are appended to the end of this report.

TGA closed up all transport containers and placed steel security seals on each drum. The containers were stored in a secure storage area provided by Schnitzer Steel. Radiation levels outside of the secure storage area were measured by RPS and RPS determined no risk was present to Schnitzer employees.

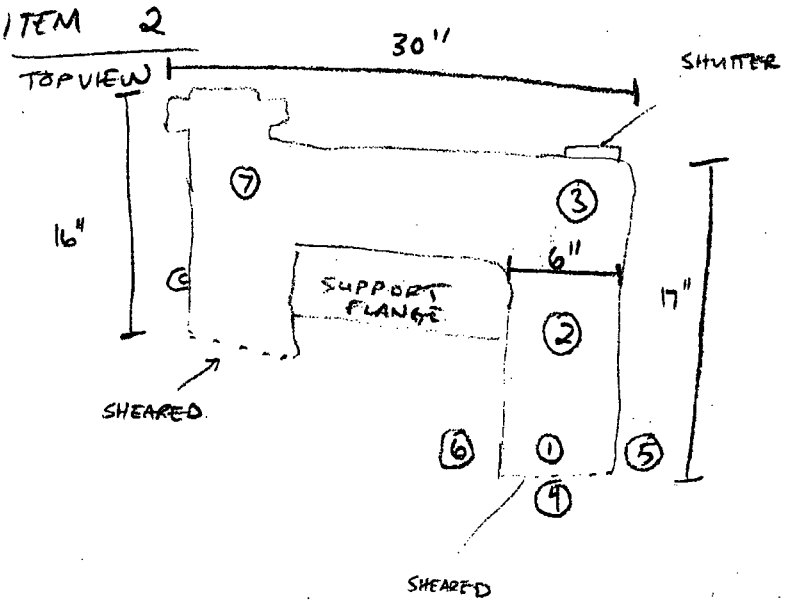
Comments

A TGA vehicle picked up the (3) drums from Schnitzer Steel on Friday, April 4, 2008. Appropriate shipping documents, markings and labels were provided. Item 2 and Item 3 were shipped to Environmental Management & Controls (CA Radioactive License #3546-50) for processing and final disposal at Energy Solutions in Clive, Utah utilizing macro-encapsulation.

François Dagenais of the Canadian Nuclear Safety Commission has contracted with TGA to have Item 1 trans-shipped to Thermo Fisher Scientific (TX Radioactive License #L03524) for source capsule removal.

Jose-Luis Cueva
Director of Technical Services

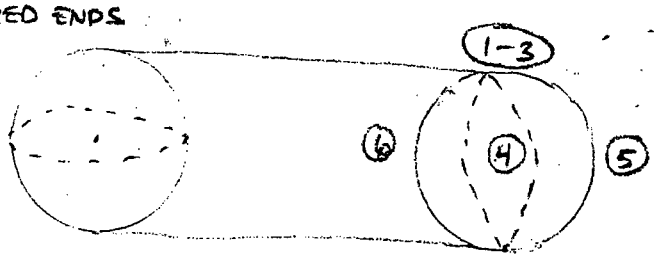
ITEM 2



All readings @ 10c
BG 0.005 mR/hr

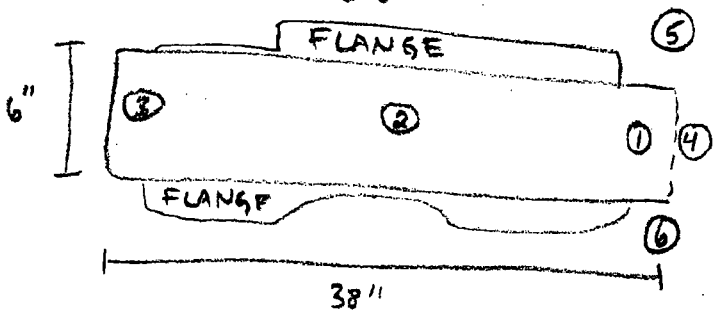
1. 0.3 mR/hr
2. 0.09 mR/hr
3. 0.055 mR/hr
4. 9.0 mR/hr
5. 4.5 mR/hr
6. 0.2 mR/hr
7. 0.01 mR/hr
8. 0.01 mR/hr

SIDE VIEW
FACING SHEARED ENDS

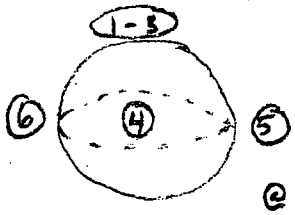


ITEM 3

TOP VIEW



SIDE VIEW
FACING SHEARED END

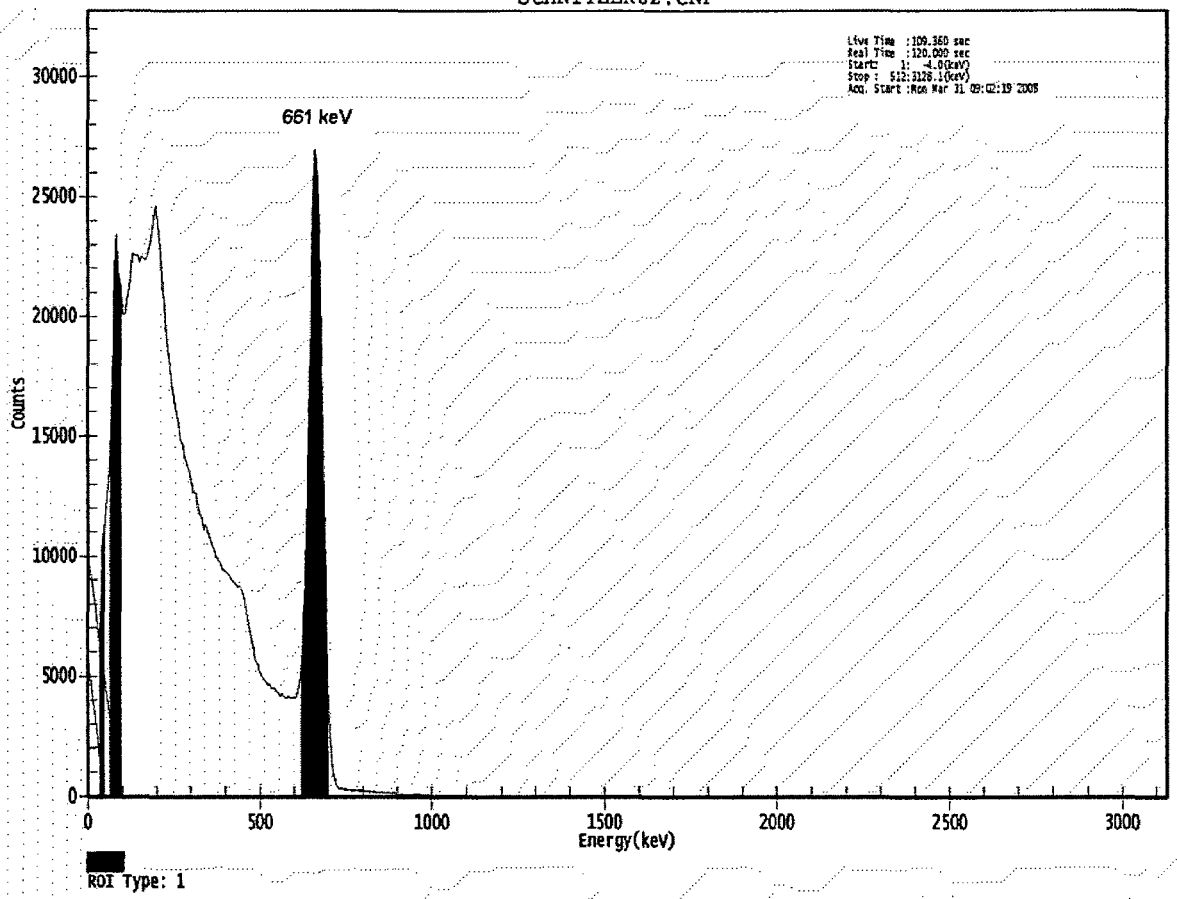


@ 10cm

1. 0.3 mR/hr
2. 0.2 mR/hr
3. 0.095 mR/hr
4. 4.0 mR/hr
5. 0.7 mR/hr
6. 0.7 mR/hr

- DOTTED LINES REPRESENT SHEARED EDGES OF PIPE
- PIPE WALL THICKNESS ~ 1/8"
- INTACT OUTER LEAD JACKET ~ 1" THICKNESS
- INNER EPOXY/LEAD CORE APPROX 2-3" THICK

SCHNITZER02.CNF



SCHN00322107

PAGE: 1

ID: DRUM WIPES 7 APR 2008 13:35

USER: 2 COMMENT: SURFACE CONTAMINATION

PRESET TIME : 5.00

DATA CALC :	DL DPM	H#	:YES	SAMPLE REPEATS:	1	PRINTER	:EDIT
COUNT BLANK :	NO	IC#	: NO	REPLICATES :	1	RS232	: OFF
TWO PHASE :	NO	AQC	:YES	CYCLE REPEATS :	1		
SCINTILLATOR:	LIQUID	LUMEX	:YES	LOW SAMPLE REJ:	0		
LOW LEVEL :	NO	HALF LIFE CORRECTION DATE:				none	

ISOTOPE 1:	3H	%ERROR: 0.00	FACTOR:	1.000000	BKG. SUB:	0
ISOTOPE 2:	14C	%ERROR: 0.00	FACTOR:	1.000000	BKG. SUB:	0
WIDE OPEN WINDOW		%ERROR: 0.00	FACTOR:	1.000000	BKG. SUB:	0

BACKGROUND QUENCH CURVE: Off COLOR QUENCH CORRECTION: Off

Quench Limits Low:10.789 High:308.81

POS	TIME MIN	H#	3H CPM	14C CPM	WIDE CPM	3H DPM	14C DPM	RATIO	LUMEX %
2-1	5.00	44.4	8.80	18.20	49.40	7.39	23.50	0.315	22.81
MISSING SAMPLE									
2-3	5.00	79.9	10.20	12.80	42.60	13.73	16.81	0.817	41.41
2-4	5.00	67.0	14.20	17.00	49.60	18.55	22.16	0.837	18.11
2-5	5.00	69.5	8.00	14.60	46.00	8.12	19.10	0.425	22.61

RESULTS REVIEWED & VERIFIED

signature 4/7/08 date

Analytical debris waste (dry) released to rad waste collection.

2-3 T1258 - D01
2-4 T1259 - D02
2-5 T1259 - D03

SCHN00322108

February 20, 2008

John Harrie
Schnitzer Steel Products Company
12005 N Burgard Road
PO Box 10047
Portland Oregon 97210

RE: Review of Action Plan received on February 14, 2008
Schnitzer Steel International, DEQ file #108103

Dear Mr. Harrie:

The City of Portland (City) received an Action Plan (AP), dated February 11, 2008 that was submitted by your company in response to monitoring results from stormwater samples taken during November 2007. An AP is required in response to benchmark exceedances within 30 days of receiving the monitoring results. *Schedule A.9.c* of the 1200-Z permit states that an AP must contain:

1. The results of a stormwater pollution control plan (SWPCP) review;
2. Corrective action(s) the permittee will take to address the pollutants of concern; and
3. An implementation schedule for the corrective actions to be taken.

The City reviewed your AP for compliance with these requirements on February 15, 2008. The proposed actions are items already required by *Schedule A.1.c* in the permit. **Your AP is currently inadequate and must be amended to meet the minimum requirements for conditions contained in the permit.** The results of the City's review are:

1. SWPCP Review: **No results of SWPCP review discussed.**

2. Corrective actions proposed: **The propose actions are already a requirement of the 1200-Z Permit**

3. Implementation schedule: **No implementation schedule discussed.**

You must submit a revised Action Plan immediately that meets all the conditions of *Schedule A.9.c* to maintain compliance with conditions contained within the 1200-Z general industrial stormwater permit. If your revised AP is not submitted by **March 4, 2008** the City will forward this issue to the Oregon Dept. of Environmental Quality (DEQ), which may proceed with formal enforcement. If you have any questions regarding this letter or your permit requirements, you may contact me at (503) 823-5537.

Sincerely,

Timothy P. Dean
Permit Manager
Industrial Stormwater Program

CC: Dennis Jurries, Oregon Dept. of Environmental Quality

SCHN00322200

ALEXANDER GOW, INC.

221 FIRST AVENUE WEST, SUITE 115
SEATTLE, WASHINGTON U.S.A. 98119
TEL: (206) 285-0520 FAX: (206) 285-9243
EMAIL: SURVEYS@ALEXGOW.COM

MARINE SURVEYORS
ESTABLISHED 1923

3556 NW FRONT AVENUE SUITE 350
PORTLAND, OREGON, U.S.A. 97210
TEL: (503) 224-1925 FAX: (503) 224-1935
E-MAIL: AGOWPDX@ALEXGOW.COM

WEIGHT CERTIFICATE
BASED ON DISPLACEMENT

Vessel: Barge Sea-Link Yarder
Discharged at : International Terminals, Portland, Oregon
Cargo: Scrap Metal

Report No. P-12852
A/c Schnitzer Steel Products Co.
Portland, Oregon

	Initial: 0800 Hrs March 10, 2008	Final: 0900 Hrs March 13, 2008
Freeboard Forward Port	8' 9.5"	14' 4.5"
Freeboard Forward Starboard	6' 9.5"	13' 3.25"
Freeboard Mid Port	6' 2.75"	12' 10.25"
Freeboard Mid Starboard	4' 1.25"	11' 7.0"
Freeboard Aft Port	3' 11.5"	11' 6.25"
Freeboard Aft Starboard	1' 7.5"	10' 1.00"
Mean Freeboard	5' 03.00"	12' 3.375"
Displacement (SW)	4721.00 MT	1657.63 MT
Density Correction (1.000)	115.15 MT (1.000)	40.43 MT
Correceted Displacement (DW)	4605.85 MT	1617.20 MT

A. Initial	4605.85 MT	
B. Final	1617.20 MT	
TOTAL CARGO DISCHARGED	**2988.65 Metric Tons**	
	2941.46 Long Tons	**(Factor 0.98421)**
	3294.42 Short Tons	**(Factor 1.10231)**

By Dennis Walls
SURVEYOR

The services of this corporation are offered and this report or certificate is issued on the following condition:
(1) That while the officers and the Board of Directors of Alexander Gow, Inc., have used their best endeavors to select competent surveyors and to insure that the functions of the corporation are properly executed, neither the officers nor the Directors nor Alexander Gow, Inc., are under any circumstances whatever to be held responsible for any error of judgment, default, or negligence of any surveyor or other employee or representative of the corporation, or for any inaccuracy, omission, misrepresentation or misstatement in any report or certificate.

NRC FORM 540 U.S. NUCLEAR REGULATORY COMMISSION
EXPIRES 6/30/2007 rev. 12-07

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPPING PAPER

1. EMERGENCY TELEPHONE NUMBER (Include Area Code)
M-F 8am-5pm (714) 997-8090 / After Hours (714) 745-5211

ORGANIZATION
Thomas Gray & Associates, Inc.

2. IS THIS AN "EXCLUSIVE USE" SHIPMENT?
X YES
NO

3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST
2

4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT?
If "Yes" provide Manifest Number → NO

EPA MANIFEST NUMBER

5. SHIPPER - NAME AND FACILITY
Schnitzer Steel
12005 N. Burgard Road
Portland, OR 97203

USER PERMIT NUMBER G2122 | SHIPMENT NUMBER

CONTACT Mat Cusma EXT

6. CARRIER - Name and Address
Thomas Gray & Associates, Inc.
1205 W. Barkley Ave
Orange, CA 92868

CONTACT: Rich Gallego

SIGNATURE - Authorized carrier acknowledging waste receipt

SHIPPER EPA I.D. NUMBER
COLLECTOR
PROCESSOR
X GENERATOR TYPE (Specify)

TELEPHONE NUMBER: 503.286.6944

EPA I.D. NUMBER CAD 086 151 648

SHIPPING DATE 04/04/08

TELEPHONE NUMBER: 714-997-8090

DATE 4-4-08

7. NRC FORM 540 AND 540A PAGE 1 OF 1 PAGES(S)
NRC FORM 541 AND 541A PAGE 1 OF 2 PAGES(S)
NRC FORM 542 AND 542A PAGE 1 OF 1 PAGES(S)
ADDITIONAL INFORMATION PAGE 1 OF _____ PAGES(S)

8. MANIFEST NUMBER
T1259

9. CONSIGNEE - Name and Facility Address
Environmental Management & Controls
3108 S. Faith Home Road
Turlock, CA 95380

SIGNATURE - Authorized consignee acknowledging waste receipt

CONTACT: Gaye Nelson

TELEPHONE NUMBER: 209-667-1102

DATE 4/10/08

10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are packaged, marked, and labeled and are in proper condition for transportation disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.

AUTHORIZED SIGNATURE

TITLE Environmental Admin

DATE 4-7-08

11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, UN ID number, and any additional information)	12. DOT LABEL RADIOACTIVE	13. TRANS. INDEX	14. PHYSICAL AND CHEMICAL FORM	15. INDIVIDUAL RADIONUCLIDES	16. TOTAL PACKAGE ACTIVITY (Bq)	17. USA/SCO CLASS	18. TOTAL WEIGHT (kg/lbs)	19. PACKAGE I.D. NUMBER	
Radioactive material, Type A Package, 7, UN2915	Yellow II	.1	solid / broken gauge with contaminated lead	Cs137	2775.0 MBq (75.0) mCi	N/A	185.9 410.0	T1259-D02	41
Radioactive material, Type A Package, 7, UN2915	Yellow III	.1	solid / broken gauge with contaminated lead	Cs137	2775.0 MBq (75.0) mCi	N/A	124.3 274.0	T1257-D03	27

FOR CONSIGNEE USE ONLY

EMC

email: mcusma@schn.com
fax: 503.471.4694

WASTE RECEIPT ACKNOWLEDGEMENT PREFERENCE (please check a box and add information if necessary)

☐ FAX _____

☐ EMAIL _____

SCHN00322303

NRC FORM 541
EXPIRES 6/30/2007 rev. 05.12

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

CONTAINER AND WASTE DESCRIPTION

1. MANIFEST TOTALS

NUMBER OF PACKAGES/ DISPOSAL CONTAINERS	NET WASTE VOLUME (m³/ft³)	NET WASTE WEIGHT (kg/lbs)	SPECIAL NUCLEAR MATERIAL (grams) U233	U235	Pu	TOTAL (g)
2	0.6436 22.73	310.2 684.0	0	0	0	0

ACTIVITY (MBq/mCi)

ALL NUCLIDES	TRITIUM	C14	Tc-99	I129	SOURCE (kg)
5550.0 MBq 150.0 mCi	0	0	0.	0	0.0E+00

2. MANIFEST NUMBER
T1259

3. PAGE 1 OF 2 PAGE(S)

4. SHIPPER NAME
Schnitzer Steel

SHIPPER ID NUMBER

PERMIT NUMBER
G2122

5. CONTAINER ID NUMBER / GENERATOR ID NUMBER(S)	6. CONTAINER DESCRIPTION (SEE NOTE 1)	7. VOLUME (m³/ft³)	8. WASTE & CONTAINER WEIGHT (kg/lbs)	9. SURFACE RADIATION LEVEL mR/hr X / uSv/hr X / mSv/hr	10. SURFACE CONTAMINATION MBq / 100 cm² ALPHA	BETA-GAMMA	PHYSICAL DESCRIPTION 11. WASTE DESCRIPTOR (SEE NOTE 2)	12. APPROX. WASTE VOLUME(S) IN CONTAINER (m³/ft³)	13. SORBENT, SOLIDIFICATION, STABILIZATION MEDIA (SEE NOTE 3)	14. CHEMICAL DESCRIPTION CHEMICAL FORM / CHELATING AGENT	WEIGHT % CHELATING AGENT IF > 0.1%	15. RADIOLOGICAL DESCRIPTION INDIVIDUAL RADIONUCLIDES AND ACTIVITIES (MBq) AND CONTAINER TOTAL OR CONTAINER TOTAL ACTIVITY AND ISOTOPE	(MBq)	(mCi)	kg	gm	16. WASTE CLASSIFICATION AS, AU, B, C
T1259-D02	4	0.3218 11.36	185.97 410.0	50 mR/hr 0.5 mSv/hr	<1.67e-6	<1.67e-5	40	0.3218 11.36	100	broken gauge with contaminated lead	NP	Cs137	2775.0	75.0			AU
T1259-D03	4	0.3218 11.36	124.29 274.0	50 mR/hr 0.5 mSv/hr	<1.67e-6	<1.67e-5	40	0.3218 11.36	100	broken gauge with contaminated lead	NP	Cs137	2775.0	75.0			AU

NOTE 1: Container Description Code. For containers/ waste requiring disposal in approved structural overpacks the numerical code must be followed by "-OP".
1. Wooden Box or Crate
2. Metal Box
3. Plastic Drum or Pail
4. Metal Drum or Pail
5. Metal Tank or Liner
6. Concrete Tank or Liner
7. Polystyrene Tank or Liner
8. Fiberglass Tank or Liner
9. Demineralizer
10. Gas Cylinder
11. Bulk, Unpackaged Waste
12. Unpackaged Components
13. High Integrity Container
19. Other. Describe in item 6, or additional page

NOTE 2: Waste Descriptor Codes: (Choose up to three which predominate by volume)
20. Charcoal
21. Incinerator Ash
22. Soil
23. Gas
24. Oil
25. Aqueous Liquid
26. Filter Media
27. Mechanical Filter
28. EPA or State Hazardous
29. Demolition Rubble
30. Cation Ion-Exchange Media
31. Anion Ion-Exchange Media
32. Mixed Bed Ion-Exchange Media
33. Contaminated Equipment
34. Organic Liquid (except oil)
35. Glassware or Labware
36. Sealed source/device
37. Paint or Plating
38. Evaporator Bottoms/Sludge/ Concentrates
39. Compactible Trash
40. Noncompactible Trash
41. Animal Carcass
42. Biological Material (except animal carcass)
43. Activated Material
69. Other. Describe in item 11, or additional page

NOTE 3: For solidification media that meet disposal site structural stability requirements, the numerical code must be followed by "-S". For all solidification media, the vendor (manufacturer) and brand name must also be identified in item 13. Code 100 = NONE REQUIRED.

Sorbtion
50. Speedi Dri
51. Celatom
52. Floor Dry/ Superfine
53. Hi Dri
54. Safe T Sorb
55. Safe N Dri
66. Florco
67. Florco X
68. Solid A Sorb
69. Chemet 30
70. Chemet 60
71. Chemet 3030
72. Dicaperi HP200
73. Dicaperi HP500
74. Petroset
75. Petroset II
76. Aquaset
77. Aquaset II
89. Other. Describe in item 13 or additional page

Solidification
90. Cement
91. Concrete (encapsulation)
92. Bitumen
93. Vinyl Chloride
94. Vinyl Ether Styrene
99. Other. Describe in item 13, or additional page

SCHN00322304

NRC FORM 542 U.S. NUCLEAR REGULATORY COMMISSION
EXPIRES 7/31/2004 rev. 03.12

UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

MANIFEST INDEX AND REGIONAL COMPACT TABULATION

List all original "PROCESSED WASTE" generators (if any) before "COLLECTED WASTE" generators

1. WASTE COLLECTOR/PROCESSOR

NAME: Thomas Gray & Associates, Inc.

IDENTIFICATION NUMBER: PERMIT NUMBER: G2122

SHIPPING DATE: 4/4/2008

SHIPPER USE ONLY

2. MANIFEST NUMBER: T1259

3. PAGE 1 of 1

4. GENERATOR IDENTIFICATION NUMBER	5. GENERATOR NAME PERMIT NUMBER (IF APPLICABLE) AND TELEPHONE NUMBER	6. GENERATOR FACILITY ADDRESS	7. PREPROCESSED WASTE (OR MATERIAL VOLUME (m³)	8. MANIFEST NUMBER(S) UNDER WHICH WASTE (OR MATERIAL) RECEIVED AND DATE OF RECEIPT	9. WASTE CODE P = PROCESSED C = COLLECTED	10. ORIGINATING COMPACT REGION OR STATE	11. AS PROCESSED/COLLECTED TOTAL A. SOURCE MATERIAL (kg)	B. SNM (g)	C. ACTIVITY (MBq)	D. VOLUME (m³)
	Schnitzer Steel G2122 503.286.6944	12005 N. Burgard Road Portland, OR 97203 Mat Cusma	0.6436 m³	T1259 4/4/2008	C	WA	0.00E+00	0.00E+00	5.55E+03	0.6436

SCHN00322305

LICENSE AMENDMENT

UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE

Pursuant to Utah Code Annotated, Title 19, Chapter 3 and the Radiation Control Rules, Utah Administrative Code (UAC) R313, and in reliance on statements and representations heretofore made by the Licensee designated below, a license is hereby issued authorizing the Licensee to transfer, receive, possess, and use the radioactive material designated below; and to use radioactive material for the purpose(s) and at the place(s) designated below. The license is subject to all applicable rules, and orders now or hereafter in effect and to all conditions specified below.

****

LICENSEE

1. Name EnergySolutions, LLC (EnergySolutions)

2. Address 423 West 300 South
Suite 200
Salt Lake City, UT 84101

3. License Number UT 2300249
Amendment # 1

4. Expiration Date
January 25, 2013

5. License Category 4-a

****

6. Radioactive Material (element and mass number)		7. Chemical and/or physical form		8. Maximum Radioactivity and/or quantity of material the Licensee may possess at any one time.
A.	Any Radioactive Material including Special Nuclear Material specified in License Condition 13 A through J.	A. and B. Notwithstanding Conditions 9 (Authorized Use), 16 (Prohibitions and Waste Requirements), and 56 (containerized waste), typically large volume, bulky or containerized, soil or debris. Debris can include both decommissioning (cleanup) and routinely generated operational waste including but not limited to radiologically contaminated paper, piping, rocks, glass, metal, concrete, wood, bricks, resins, sludge, tailings, slag, residues, personal protective equipment (PPE) that conforms to the size limitations in currently approved QA/QC Manual.	A.	20,000 Curies***
B	Special Nuclear Material		B.	As specified in License Condition 13.A through J.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

6. Radioactive Material (element and mass number)		7. Chemical and/or physical form		8. Maximum Radioactivity and/or quantity of material the Licensee may possess at any one time.
C.	Cesium-137	Sealed Source(s) registered pursuant to R313-22-210 or an equivalent U.S. Nuclear Regulatory Commission or Agreement State regulation	C.	Not to exceed 11 millicuries per source
D.	Americium-241	Sealed Neutron Source(s) registered pursuant to R313-22-210 or an equivalent U.S. Nuclear Regulatory Commission or Agreement State regulation	D.	Not to exceed 51 millicuries per source
E.	Americium-241 Americium-243 Neptunium-237 Plutonium-239 Plutonium-242 Thorium-229 Thorium-230 Uranium-232 Uranium-238	Liquid	E.	Not to exceed 5 microcuries total activity per source
F.	Strontium-90/Yttrium-90	Liquid	F.	Not to exceed 5 microcuries total activity
G.	Americium-241	Sealed Source(s) registered pursuant to R313-22-210 or an equivalent U.S. Nuclear Regulatory Commission or Agreement State regulation	G.	Not to exceed 5 microcuries total activity
H.	Thorium-230	Sealed Source(s) registered pursuant to R313-22-210 or an equivalent U.S. Nuclear Regulatory Commission or Agreement State regulation	H.	Not to exceed 48.6 microcuries total activity
I.	Plutonium-239	Sealed Source(s) registered pursuant to R313-22-210 or an equivalent U.S. Nuclear Regulatory Commission or Agreement State regulation	I.	Not to exceed 21.9 microcuries total activity

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

6. Radioactive Material (element and mass number)		7. Chemical and/or physical form		8. Maximum Radioactivity and/or quantity of material the Licensee may possess at any one time.
J.	Strontium-90/Yttrium-90 and Americium-241	Sealed Source(s) registered pursuant to R313-22-210 or an equivalent U.S. Nuclear Regulatory Commission or Agreement State regulation	J.	Not to exceed 8.1 millicuries per source
K.	Am-241, Cd-109, Co-57, Te-123m, Cr-51, Sn-113, Sr-85m, Cs-137, Co-60, and Y-88	Calibration or Referenced Combined Source(s)	K.	Not to exceed 5 microcuries per source
L.	Uranium-234, Uranium-235, Uranium-238, Americium-241, and Plutonium-239	Calibration or Reference Combined Source(s)	L.	Not to exceed 5 nanocuries per source
M.	Cobalt-60 and Cesium-137	Calibration or Reference Combined Source(s)	M.	Not to exceed 0.4 microcuries per source
N.	Reserved	Reserved	N.	Reserved
O.	Americium-241 and Europium-152	Calibration or Reference Combined Sources	O.	Not to exceed 2 microcuries per source
P.	Cesium-137	Sealed Source(s) registered pursuant to R313-22-210 or an equivalent U.S. Nuclear Regulatory Commission or Agreement State regulation	P.	Not to exceed 12 millicuries per source

***Applies to undisposed maximum quantity at the Class A disposal cell and the Mixed Waste landfill cell.
****

9. AUTHORIZED USE

A. Licensee may receive, store, and dispose by land burial, radioactive material as naturally occurring and accelerator produced material (NARM) and low-level radioactive waste. Prior to receiving an initial, low-level radioactive waste shipment for disposal from a generator, the Licensee shall obtain documentation which demonstrates that the low-level radioactive wastes have been approved for export to the Licensee. Approval is required from the low-level radioactive waste compact of origin (including the Northwest Compact), or for states unaffiliated with a low-level radioactive waste compact, the state of origin, to the extent a state can exercise such approval.

B. In accordance with Utah Code Annotated 19-3-105, the Licensee may not receive Class B or Class C low-level radioactive waste without first receiving approval from the Executive

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

Secretary of the Utah Radiation Control Board and also receiving approval from the Governor and the Legislature.

C. The Licensee shall fulfill and maintain compliance with all conditions and shall meet all compliance schedules stipulated in the Ground Water Quality Discharge Permit, number UGW 450005 (hereafter GWQ Permit), issued by the Executive Secretary of the Utah Water Quality Board.

D. Reserved

E. The Licensee may dispose of Class A Low-Level Radioactive Waste (LLRW) and NARM in both the Class A and Class A North disposal cell described in License Condition 40, and in the Mixed Waste Landfill Cell. Class A waste is defined in Utah Radiation Control Rule R313-15-1008 and NARM at R313-12-3.

F. Effective January 1, 2002, the Licensee shall not accept, possess, store or dispose of any radioactive waste delivered to the disposal site by any conveyance, unless the associated Shipping Documents have a valid Generator Site Access Permit number, issued by the Utah Division of Radiation Control, affixed.

G. The Licensee may receive, treat, and dispose radioactively contaminated aqueous liquids and liquid mercury as characterized in the waste profile at the mixed waste facilities only, the waste must be Class A LLRW at receipt.

H. Reserved

I. Licensed material in Items 6.C and 6.D, Sealed source(s) contained in compatible portable gauging devices (registered pursuant to R313-22-210 or an equivalent U.S. Nuclear Regulatory Commission or Agreement State regulation) for measuring properties of materials.

J. Licensed material in Items 6.E through 6.L, for operational checks and efficiency determinations of radiation detection instrumentation.

K. Licensed material in Items 6.M through 6.O, calibration or reference combined source(s) for use in conjunction with the Licensee's whole body counter.

L. Licensed material in Item 6.P, sealed source(s) contained in MGP Instruments, Inc. Model IRD-2000 dosimeter calibrators/irradiators for tests and source checks of electronic dosimeters.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

SITE LOCATION

10. A. The Licensee may receive, store and dispose of licensed material at the Licensee's facility located in Section 32 of Township 1 South and Range 11 West, Tooele County, Utah.

B. Section 32, Township 1 South and Range 11 West, Tooele County, Utah, is defined by the following points of reference:

Southwest Section Corner:	Latitude 40° 40' 51.894060" N Longitude 113° 7' 28.579640" W
Elevation	4269.76 feet above mean sea level (amsl)
Southeast Section Corner	Latitude 40° 40' 50.906471" N Longitude 113° 6' 20.023247" W
Elevation	4277.27 feet-amsl
Northwest Section Corner	Latitude 40° 41' 44.093832" N Longitude 113° 7' 27.371551" W
Elevation	4273.06 feet-amsl
Northeast Section Corner	Latitude 40° 41' 43.107203" N Longitude 113° 6' 18.839771" W
Elevation	4280.83 feet-amsl

C. The Southwest Section Corner marker of Section 32 shall be the Point of Beginning (POB).

D. The Licensee shall cause a survey to be conducted by a Utah licensed land surveyor to identify the section corners of Section 32, Township 1 South, and Range 11 West, Tooele County, Utah (as defined in Condition 10.B). Licensee shall place monuments with brass caps at the identified section corner locations. Monuments shall be permanent and constructed in a manner that will protect them from being disturbed.

E. Licensed material in Items 6.C through 6.P shall be used only at the Licensee's facilities referenced in Condition 10.B.

11. The open cell area within the Class A and Class A North disposal embankments where waste disposal/placement has or may occur, but the cover system has not been completed shall be limited to 3,650,000 square feet. Uncovered radioactive waste shall be limited to a surface area of 1,020,000 square feet.

12. Pursuant to UAC R313-12-55(1), the Licensee is granted an exemption to UAC R313-25-9, as it relates to land ownership and assumption of ownership.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

SPECIAL NUCLEAR MATERIAL

13. In accordance with the Order issued by the U.S. Nuclear Regulatory Commission dated January 14, 2003, Docket No. 040-8989, License No. SMC-1559, the EnergySolutions may possess Special Nuclear Material (SNM) within the restricted area of the EnergySolutions facility as described in Condition 10 provided that:

A. Concentrations of SNM in individual waste containers must not exceed the values listed in Table 13-A at time of receipt:

Table 13-A

Column 1 Radionuclide	Column 2 Maximum Concentration (pCi/g)	Column 3 Measurement Uncertainty (pCi/g)
U-235[a]	1,900	285
U-235[b]	1,190	179
U-235[c]	26	10
U-235[d]	680	102
U-233	75,000	11,250
Pu-236	500	75
Pu-238	10,000	1,500
Pu-239	10,000	1,500
Pu-240	10,000	1,500
Pu-241	350,000	50,000
Pu-242	10,000	1,500
Pu-243	500	75
Pu-244	500	75

a - for uranium below 10 percent enrichment and a maximum of 20 percent of the weight of the waste of materials listed in License Condition 13.B

b - for uranium at or above 10 percent enrichment and a maximum of 20 percent of the weight of the waste of materials listed in License Condition 13.B

c - for uranium at any enrichment with unlimited quantities of materials listed in License Condition 13.B and License Condition 13.C

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

d - for uranium at any enrichment with sum of materials listed in License Condition 13.B and License Condition 13.C not exceeding 45 percent of the weight of the waste

*The measurement uncertainty values in Column 3 above represent the maximum one-sigma uncertainty associated with the measurement of the concentration of the particular radionuclide.
The SNM must be homogeneously distributed throughout the waste. If the SNM is not homogeneously distributed, then the limiting concentrations must not be exceeded on average in any contiguous mass of 600 kilograms.

B. Except as allowed by notes a, b, c, and d in Condition 13.A, waste must not contain "pure forms" of chemicals containing carbon, fluorine, magnesium, or bismuth in bulk quantities (e.g., a pallet of drums, a B-25 box). By "pure forms," it is meant that mixtures of the above elements such as magnesium oxide, magnesium carbonate, magnesium fluoride, bismuth oxide, etc. do not contain other elements. These chemicals would be added to the waste stream during processing, such as at fuel facilities or treatment such as at mixed waste treatment facilities. The presence of the above materials will be determined by the generator, based on process knowledge or testing.

C. Except as allowed by notes c and d in Condition 13.A, waste accepted must not contain total quantities of beryllium, hydrogenous material enriched in deuterium, or graphite above one percent of the total weight of the waste. The presence of the above materials will be determined by the generator, based on process knowledge, physical observations, or testing.

D. Waste packages must not contain highly water soluble forms of uranium greater than 350 grams of uranium-235 or 200 grams of uranium-233. The sum of the fractions rule will apply for mixtures of U-233 and U-235. Highly soluble forms of uranium include, but are not limited to: uranium sulfate, uranyl acetate, uranyl chloride, uranyl formate, uranyl fluoride, uranyl nitrate, uranyl potassium carbonate, and uranyl sulfate. The presence of the above materials will be determined by the generator, based on process knowledge or testing.

E. Mixed waste processing of waste containing SNM will be limited to stabilization (mixing waste with reagents), micro-encapsulation, macro-encapsulation using low-density and high density polyethylene, macroencapsulation using cementatious mix (Macro Mix), and thermal desorption.

When waste is processed using the thermal desorption process, EnergySolutions shall confirm the SNM concentration following processing and prior to returning the waste to temporary storage.

Liquid waste may be stabilized provided the SNM concentration does not exceed the SNM concentration limits in License Condition 13.A. For containers of liquid waste with more than 600 kilograms of waste, the total activity (pCi) of SNM shall not exceed the SNM concentration in License Condition 13.A times 600 kilograms of waste. Waste containing free liquids and the solids shall be mixed prior to treatment. Any solids shall be maintained in a suspended state during transfer and treatment.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

F. EnergySolutions shall require generators to provide the following information for each waste stream:

Before Receipt

1. Waste Description. The description must detail how the waste was generated, list the physical forms in the waste, and identify uranium chemical composition.
2. Waste Characterization Summary. The data must include a general description of how the waste was characterized (including the volumetric extent of the waste, and the number, location, type, and results of any analytical testing), the range of SNM concentration ranges, and the analytical results with error values used to develop the concentration ranges.
3. Uniformity Description. A description of the process by which the waste was generated showing that the spatial distribution of SNM must be uniform, or other information supporting spatial distribution.
4. Manifest Concentration. The generator must describe the methods to be used to determine the concentrations on the manifests. These methods could include direct measurement and the use of scaling factors. The generator must describe the uncertainty associated with sampling and testing used to obtain the manifest concentrations.

EnergySolutions shall review the above information and, if adequate, approve in writing this pre-shipment waste characterization and assurance plan before permitting the shipment of a waste stream. This will include statements that EnergySolutions has a written copy of all the information required above, that the characterization information is adequate and consistent with the waste description, and that the information is sufficient to demonstrate compliance with Conditions 13.F.1 through 13.F.4. Where generator process knowledge is used to demonstrate compliance with Conditions 13.A, 13.B, 13.C, or 13.D, EnergySolutions shall review this information and determine when testing is required to provide additional information in assuring compliance with the conditions. EnergySolutions shall retain this information as required by the State of Utah to permit independent review.

At Receipt

EnergySolutions shall require generators of SNM waste to provide a written certification with each waste manifest that states the SNM concentrations reported on the manifest do not exceed the limits in Condition 13.A, that the measurement uncertainty does not exceed the uncertainty value in Condition 13.A, and that the waste meets Conditions 13.B through 13.D.

G. Sampling and radiological testing of waste containing SNM must be performed in accordance with the following: One sample for each of the first ten shipments of a waste stream; or one sample for each of the first 100 cubic yards of waste up to 1,000 cubic yards of a waste stream; and one sample for each additional 500 cubic yards of waste following the first ten shipments or following the first 1,000 cubic yards of a waste stream. Sampling and radiological testing of debris waste containing SNM can be waived if the SNM concentration is lower than one tenth of the applicable limit in License Condition 13.A.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

H. EnergySolutions shall notify the NRC, Region IV office within 24 hours if any of the above conditions are violated, including if a batch during a treatment process exceeds the SNM concentration in License Condition 13.A. A written notification of the event must be provided within 7 days.

I. EnergySolutions shall obtain NRC approval prior to changing any activities associated with the above conditions.

J. Notwithstanding License Condition13.A through 13.I, for the Containerized Waste Facility described in License Condition 10.F, the following limits for possession of SNM apply to the total combined quantities of SNM at the Containerized Waste Facility:

Consistent with the definition of special nuclear material given in UAC R313-12-3, the maximum quantity of special nuclear material which the EnergySolutions may possess at any one time, shall not exceed: 350 grams of U-235, 200 grams of U-233, and 200 grams Pu, or any combination of them in accordance with the following formula:

$$\frac{(\text{Grams U-235})}{350} + \frac{(\text{Grams U-233})}{200} + \frac{(\text{Grams Pu})}{200} \leq 1$$

"Possession" and "Disposal" are defined in License Conditions 63 and 64 respectively.

MIXED WASTE

14. A. The Licensee may receive for treatment, storage, and disposal any radioactive waste as authorized by this license that is also determined to be hazardous (commonly referred to as mixed waste) as permitted by the "Hazardous Waste Plan Approvals" issued and modified by the Executive Secretary, Utah Solid and Hazardous Waste Control Board and "HSWA Permit" issued by the U.S. Environmental Protection Agency.

B. The Licensee shall dispose of these wastes in the "mixed waste" disposal embankment only. Characteristic or listed hazardous waste treated at the Licensee's facility shall not be disposed of in the Class A North, the Class A, or the 11.e(2) disposal cell.

WASTE TREATMENT AND PROCESSING

15. A. Prior to receipt of any low level radioactive or mixed wastes requiring treatment before disposal, the Licensee shall, based on knowledge of the technology to be used for treatment/processing of each particular radioactive or mixed waste, calculate and document that the resultant processed waste is neither Class B nor Class C waste.

B Reserved

C. Following treatment at the Mixed Waste facility the Licensee shall classify the resultant

processed waste in accordance with UAC R313-15-1008.

D. The Licensee shall manifest treated waste from the Mixed Waste facility for disposal in accordance with UAC R313-15-1006.

PROHIBITIONS AND WASTE ACCEPTANCE REQUIREMENTS

16. A. Sealed sources as defined in Utah Administrative Code (UAC) R313-12 shall not be accepted for disposal.

B. In accordance with UAC R313-15-1008(2)(a)(v), waste shall not be readily capable of detonation or of explosive decomposition or reaction at normal pressures and temperatures, or of explosive reaction with water.

C. In accordance with UAC R313-15-1008(2)(a)(vi), waste shall not contain, or be capable of generating, quantities of toxic gases, vapors, or fumes harmful to persons transporting, handling, or disposing of the waste.

D. In accordance with UAC R313-15-1008(2)(a)(vii), waste shall not be pyrophoric.

E. Waste containing untreated biological, pathogenic, or infectious material including radiologically contaminated laboratory research animals is prohibited

F. Liquid Waste Restrictions

i. Except for liquid mercury, receipt of nonaqueaous liquid waste is prohibited unless specifically approved by the Executive Secretary.

ii. Treated liquid radioactive waste shall be disposed in the Mixed Waste Landfill Cell in accordance with LLRW Construction QA/QC Manual.

iii. Only Utah Division of Radiation Control approved solidification or absorption agents as listed in the State-issued Part B Permit are authorized for liquid waste treatment.

iv. Liquid radioactive waste shall be solidified or absorbed in a manner such that no liquid component is disposed.

v. Only containers authorized by the U. S. Department of Transportation as specified in the regulations (49 CFR parts 100 thru 180) for transporting liquid radioactive materials shall be accepted for all liquid radioactive wastes, regardless of radioactivity concentrations.

G. In accordance with UAC R313-15-1008(2)(a)(viii), gaseous waste received for disposal in the Containerized Waste Facility shall be packaged at an absolute pressure that does not exceed 1.5 atmospheres at a temperature of 20 degrees Celsius and the total activity of any container shall not exceed 100 curies (3.7×10^{12} Bequerels).

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

H. In accordance with UAC R313-15-1008(2)(a)(ii), waste received for disposal in the Containerized Waste Facility shall not be packaged in cardboard or fiberboard containers.

I. The Licensee shall not accept for disposal any neutron source (e.g., polonium-210, americium-241, radium-226 in combination with beryllium or other target).

J. Incinerator ash shall be treated, in preparation for disposal, in a manner that renders it non-dispersible in air.

K. Radioactive waste containing chelating agents greater than 0.1 percent by weight shall be disposed of in the Mixed Waste Landfill Cell.

L. The Licensee shall not accept containerized radioactive waste unless each waste package has been:
   i. Classified in accordance with R313-15-1008, "Classification and Characteristics of Low-Level Radioactive Waste." In addition, the Licensee shall require that all radioactive waste received for disposal meet the requirements specified in the Nuclear Regulatory Commission, "Branch Technical Position on Concentration Averaging and Encapsulation", as amended.
   ii. Marked as either Class A Stable or Class A Unstable as defined in the most recent version of the "Low-Level Waste Licensing Branch Technical Position on Radioactive Waste Classification." originally issued May, 1983 by the U.S. Nuclear Regulatory Commission.
   iii. Marked with a unique package identification number, clearly visible on the package, that can be correlated with the manifest for the waste shipment in which the package arrives at the facility.

M. The Licensee may accept containerized Class A LLRW in the following waste packages for disposal in the Containerized Waste Facility of the Class A or Class A North disposal cell:

   i. DOT "strong, tight" containers in accordance with 49 CFR 173 and meeting the following void space criteria: void spaces within the waste and between the waste and its packaging shall be reduced to the extent practicable, but in no case shall less than 85 percent of the capacity of the container be filled
   ii. High-Integrity Containers (HICs) exceeding the void space criteria provided in License Condition 16.M.i, shall be approved by the Executive Secretary.
   iii. DOT "strong, tight" containers in accordance with 49 CFR 173 exceeding the void space criteria provided in License Condition 16.M.i and large components shall be placed as approved by the Executive Secretary.
   iv. Oversized DOT containers (larger than 215 cubic feet) meeting the void space criteria provided in License Condition 16.M.i shall be placed in accordance with the currently approved LLRW Construction QA/QC Manual.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

MANAGEMENT OF FREE LIQUIDS

17. In accordance with UAC R313-15-1008(2)(a)(iv), solid waste received for disposal shall contain as little free standing and non-corrosive liquid as reasonably achievable, but shall contain no more free liquids than one percent of the volume of the waste. Solid waste received and containing free liquid in excess of 1% by volume shall have the liquid removed and placed in the evaporation ponds or the liquid solidified prior to management. In addition, the Licensee shall notify the Division of Radiation Control within 24 hours that the shipment(s) failed the requirements for acceptance and manage in accordance with the Waste Characterization Plan.

RADIATION SAFETY

18. The Licensee shall comply with the provisions of UAC R313-18, "Notices, Instructions and Reports to Workers by Licensees or Registrants--Inspections"; and UAC R313-15, "Standards for Protection Against Radiation."

19. The Licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of UAC R313-19-100, Transportation."

20. Written procedures incorporating operating instructions and appropriate safety precautions for licensed activities shall be maintained and available at the location specified in License Condition 10.A. The written procedures established shall include the activities of the radiation safety and environmental monitoring programs, the employee training program, operational procedures, analytical procedures, and instrument calibration. At least annually, the Licensee shall review all procedures to determine their continued applicability.

21. The Licensee's Corporate Radiation Safety Officer shall review and approve written procedures as stated in License Condition 20 and subsequent changes to the procedures related to waste disposal operations.

ROUTINE MONITORING AND CONTAMINATION SURVEYS

22. The Licensee shall conduct contamination surveys in accordance with Table 22-A:

TABLE 22-A

Type	Location	Frequency
A. Gamma Radiation Levels	1. Perimeter of Restricted Area(s)	1. Weekly
	2. Office Area (s)	2. Weekly
	3. Lunch/Change Area(s)	3. Weekly
	4. Transport Vehicles	4. Upon vehicle arrival at site and before departure.
	5. Mixed Waste Facility	5. Weekly
	6. Decontamination facilities	6. Weekly

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

Type	Location	Frequency
B. Contamination Wipes	1. Eating Area(s) 2. Change Area(s)	1. Weekly 2. Weekly
	3. Office Areas(s)	3. Weekly
	4. Railcar rollover and control shack	4. Weekly
	5. Equipment/Vehicles	5. Once before release
	6. Decontamination facilities	6. Weekly
	7. Mixed Waste Facility	7. Weekly
	8. Shredder Facility and control room	8. Weekly
	9. Rotary Dump and control room	9. Weekly
C. Employee/Personnel	1. Skin & Personal clothing	1. Prior to exiting restricted area
D. Gamma Exposure	1. Administration Bldg.(s)	1. Quarterly
E. Radon Concentration	1. Administration Bldg.(s)	1. Quarterly

23. The Licensee shall determine internal exposure of employees under its bioassay program, in accordance with UAC R313-15-204.

24. The Licensee shall implement a respiratory protection program that is in accordance with UAC R313-15-703.

25. The Licensee shall calibrate air sampling equipment at intervals not to exceed six months.

26. The operational environmental monitoring program shall be conducted in accordance with the License Renewal Application, Appendix R (revised), dated July 3, 2007.

27. Vehicles, containers, facilities, materials, equipment or other items for unrestricted use shall not be released from the Licensee's control if contamination exceeds the limits found in Table 27-A. Except as provided in 49 CFR 173.443(d), conveyances used for commercial transport of radioactive waste or materials, may not be returned to service until the radiation dose rate at each accessible surface is 0.005 mSv per hour (0.5mrem per hour) or less, and there is no surface removable (non-fixed) radioactive surface contamination as specified in paragraph (a) of 49 CFR 173.443.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

TABLE 27-A

Nuclide[a]	Column 1 Average [b,c,f]	Column 2 Maximum [b,d,f]	Column 3 Removable [b,e,f]
U-nat, U-235, U-238, and associated decay products	5,000 dpm alpha/ 100cm^2	15,000 dpm alpha/ 100cm^2	1,000 dpm alpha/ 100cm^2
Transuranics, Ra-226, Ra-228, Th-230, Th-228, Pa-231, Ac-227, I-125, I-129	100 dpm/100cm^2	300 dpm/100cm^2	20 dpm/100cm^2
Th-nat, Th-232, Sr-90, Ra-223, Ra-224, U-232, I-126, I-131, I-133	1,000 dpm/100cm^2	3,000 dpm/100cm^2	200 dpm/100cm^2
Beta-gamma emitters (nuclides with decay modes other than alpha emissions or spontaneous fission) except Sr-90 and other noted above.	5,000 dpm beta, gamma/100cm^2	15,000 dpm beta-gamma/100cm^2	1,000 dpm beta-gamma/100cm^2

a. Where surface contamination on both alpha-and beta-gamma emitting nuclides exists, the limits established for alpha-and beta-gamma emitting nuclides should apply independently.
b. As used in this table, dpm (disintegration's per minute) means the rate of emission by radioactive material as determined by correcting the counts per minute observed by an appropriate detector for background, efficiency, and geometric factors associated with the instrumentation.
c. Measurements of average contamination should not be averaged over more than one square meter. For objects of less surface area, the average should be derived for each such object.
d. The maximum contamination level applies to an area of not more than 100 cm^2.
e. The amount of removable radioactive material per 100 cm^2 of surface area should be determined by wiping the area with dry filter or soft absorbent paper, applying moderate pressure, and assessing the amount of radioactive material on the wipe with an appropriate instrument of known efficiency. When removable contamination on objects of less surface area is determined, the pertinent levels should be reduced proportionally and the entire surface should be wiped.
f. The average and maximum radiation levels associated with surface contamination resulting from beta-gamma emitters shall not exceed 0.2 mrad/hr at 1 cm and 1.0 mrad/hr at 1 cm, respectively, measured through not more than 7 milligrams per square centimeter of total absorber.

28. The Licensee shall submit the following to the Executive Secretary for review and approval pending resolution of all issues as judged by the Executive Secretary:
    A. The Licensee shall submit a corrective action plan for the Cover Test Cell for Executive Secretary approval by no later than July 23, 2008. The corrective action plan shall identify all means necessary to collect valid data to verify actual performance of the cover system. Said plan shall include Cover Test Cell design, construction, instrumentation, monitoring, reporting, and comparison of actual performance to projected performance. The Cover Test Cell corrective

action plan shall include:

i. Performance goals to meet the objective of verifying modeled cover system performance.
ii. Methodologies and plans that provide quantitative and qualitative results capable of satisfying the objective.
iii. Design, construction, and operational plans to implement the methodologies and plans.
iv. Quality control and quality assurance requirements of work to be performed. Quality control and quality assurance specifications and procedures shall state specific actions and processes the Licensee will use to ensure compliance with designs and specifications, monitoring, reporting, ensure data validity, timely detect data deficiencies, enhance accuracy of data interpretation, and ensure correctness of results prior to being submitted to the Division.
v. In the event that the plan results in new instrumentation or construction, the Licensee shall complete all such activities within 30-days of Executive Secretary approval. Within 30-days of completion of said construction, the Licensee shall submit an As-Built report for Executive Secretary approval.

B. The Licensee shall submit an annual report for Executive Secretary approval by March 1 of each calendar year. This annual report shall detail the Licensee's progress in implementing the corrective action plan, provide the data collected in the past year, analyze the data, and interpret the meaning of the data relative to the overall objective of the corrective action plan.

REPORTING

29. The Licensee shall submit the following reports to the Executive Secretary:

A. Quarterly results from the Environmental Monitoring Program (Appendix R, as amended). The report(s) shall be submitted within 90 days after the expiration of each calendar quarter. Calendar Quarter shall mean:

First Quarter	January, February, and March
Second Quarter	April, May, and June
Third Quarter	July, August, and September
Fourth Quarter	October, November, and December

B. A quarterly summary report detailing the radioisotopes, activities, weighted average concentrations, volume, and tonnage for waste disposed of during the calendar quarter. The report of volume (cubic feet and cubic yards) and tonnage (tons) shall be partitioned according to waste type: Low Level Radioactive Waste (LLRW), LLRW with PCBs, Mixed Waste (MW), MW with PCBs, MW Treatment, NORM, Containerized Class A, uranium/thorium mill tailings (i.e. 11e.(2) wastes), and waste generated prior to congress passing the Uranium Mill Tailings Radiation Control Act in 1978. The report(s) shall be submitted within 30 days after the expiration of each calendar quarter. Calendar Quarter shall mean:

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

First Quarter	January, February, and March
Second Quarter	April, May, and June
Third Quarter	July, August, and September
Fourth Quarter	October, November, and December

C. Reserved

D. For the Mixed Waste Landfill Cell, the Licensee shall ensure that the maximum acceptable activities, used as source terms in the groundwater performance modeling are not exceeded after facility closure. Therefore, the Licensee shall notify the Executive Secretary, at the earliest knowledge, that the following nuclides are scheduled for disposal: berkelium-247 and chlorine-36.

E. For the Class A and Class A North disposal cells, the Licensee shall ensure that the maximum acceptable activities used as source terms in the groundwater performance modeling are not exceeded after facility closure. Therefore, the Licensee shall notify the Executive Secretary, at the earliest knowledge, that the following nuclides are scheduled for disposal: aluminum-26, berkelium-247, calcium-41, californium 250, chlorine-36, rhenium-187, terbium-157, and terbium-158.

F. An annual report shall be submitted by March 31st and shall report the cumulative void space (expressed as a percent of waste volume) disposed of in the Containerized Waste Facility for the previous year.

30. Except as provided by this condition, the Licensee shall maintain the results of sampling, analyses, surveys, and instrument calibration, reports on inspections, and audits, employee training records as well as any related review, investigations and corrective actions, for five (5) years. The Licensee shall maintain personnel exposure records in accordance with UAC R313-15-201.

STAFFING/QUALIFICATIONS

31. Radiation Safety operations for bulk, containerized and mixed waste, portable gauging device(s), radioactive source(s), and dosimeter calibrator(s)/irradiator(s) shall be conducted by or under the supervision of Mark Ledoux, Corporate Radiation Safety Officer.

32. A. The Licensee's staff shall meet the qualifications as described in Appendix I (February 28, 2008, rev 20).

B. Licensed material in License Conditions 6.C and 6.D. shall be used by, or under the supervision and in the physical presence of, the Corporate Radiation Safety Officer or individuals who have been trained in the Licensee's standard operating and emergency procedures and have satisfactorily completed at least one of the following:

i. The device manufacturer's training course for safe use and handling of portable gauging devices containing licensed material; or

ii. A portable gauge training program conducted in accordance with the provisions of a specific license issued by the Executive Secretary, an Agreement State or the U.S. Nuclear Regulatory Commission.

C. Licensed material in License Conditions 6.E through 6.P shall be used by, or under the supervision of, the Corporate Radiation Safety Officer, or individuals designated in writing by the Corporate Radiation Safety Officer.

D. The Licensee shall maintain the organizational independence of the programs that monitor and enforce employee safety, environmental protection, and public safety from programs responsible for production and profitability and other influences or priorities that might compromise quality and radiation safety.

E. The Licensee shall establish a method for any employee or contractor to anonymously submit questions, concerns, ideas, or other comments regarding employee safety, environmental protection, and public safety to the Corporate Radiation Safety Officer. The method shall include documentation of all comments submitted, the Applicant's response to each comment, and a method for communicating the Licensee's response to employees and contractors.

CONSTRUCTION ACTIVITIES

33. The Licensee shall obtain prior written approval from the Executive Secretary prior to construction of significant facilities. Significant facilities shall include, but are not limited to waste, stormwater, and wastewater related handling, storage, and transfer projects.

34. The Licensee shall address and resolve all concerns the Division has identified regarding clay mining activities in areas adjacent to Section 32, as provided in a February 16, 2007 Division letter to the Licensee, including a February 9, 2007 Round 1 Interrogatory by the URS Corporation (URS 39400018.3090). The Licensee shall deliver detailed analyses, explanations, descriptions, and appropriate justification to the Division no later than July 1, 2008. If the Executive Secretary determines that unacceptable adverse conditions exist or might develop or evolve, the Licensee shall submit for approval a remedial action plan within 30 days of written notice of the determination by the Executive Secretary. The remedial action plan will address, among other topics, description of proposed activities, justification that the proposed activities will be adequate to protect the facilities in Section 32 from possible impacts of clay mining, and engineering design, specifications, and construction of proposed remedial actions.

35. Reserved.

36. A. The West Rail Spur and Unloading facility shall be operated as a transfer station for Surface Contaminated Objects (SCO) and large components, (waste storage is prohibited). These objects

may be set on the gravel pad for 24 hours to facilitate unloading and transferring to the Class A disposal cell.

B. The West Rail Spur and Unloading facility shall be operated as a transfer station for conveyances to be unloaded at the Containerized Waste Facility (unloading of waste packages is prohibited).

37. All ion exchange resins shall be disposed of as follows:

A. Solidified using solidification agents approved by the Executive Secretary and disposed of in the Containerized Waste Facility; or

B. Packaged in High-Integrity Containers (HIC) approved by the Executive Secretary, carbon-steel liners, unapproved HICs, or poly HICs meeting the void space criteria described in License Condition 16.M.i and disposed of in the Containerized Waste Facility; or

C. Packaged in High-Integrity Containers (HIC) approved by the Executive Secretary, carbon-steel liners, unapproved HICs, or poly HICs not meeting the void space criteria described in License Condition 16.M.i and disposed of as approved by the Division under License Condition 16.M.ii or 16.M.iii in the Containerized Waste Facility; or

D. Disposed of in accordance with the requirements of the Construction Quality Assurance/Quality Control Manual.

38. The Licensee shall construct the Class A disposal Cell identified in Table 40-A in accordance with approved engineering design drawings "Series 9821".

39 Waste placement and backfilling within the Containerized Waste Facility shall be conducted in accordance with the following:

A. The Containerized Waste Facility shall conform to the characteristics defined, analyzed, and described in the Engineering Justification Report "Class A Disposal Cell Containerized Waste Facility" (dated April 12, 2001); Engineering Justification Report, Addendum "Fifteen Percent Void Space Criteria" (Revision 1 dated October 10, 2001); and the AMEC letter to Envirocare of Utah, Inc. "Placement of Drums and B-25 Containers with 15 Percent Voids; Envirocare Class A - Containerized Waste Facility Near Clive, Utah" (dated October 2, 2001). Waste containers that have void space in excess of 15 percent shall be filled to the top of the container opening using Controlled Low Strength Material (CLSM) in accordance with the Construction QA/QC manual. The Licensee is exempt from the CLSM cold weather requirements and the 48 hour notification for void remediation only at the CWF Facility.

B. Waste container placement configurations and associated waste placement procedures, backfill materials and procedures, and backfill cover materials shall be those approved by the Executive Secretary following testing according to Work Element: Containerized Waste Facility-Waste Placement Test Pad of the currently approved LLRW Construction Quality Assurance/Quality Control Manual.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

C. Waste delivered in a shielded transportation cask shall remain in the cask until the waste is approved for disposal and the disposal location is prepared for the shipment. Waste received for disposal in the Containerized Waste Facility shall not be handled, stored or transferred within the contaminated portion of the Restricted Area without the approval of the Corporate Radiation Safety Officer.

D. The Containerized Waste Facility shall be operated as a contamination-free portion of the Restricted Area until containerized waste disposal operations are completed. Bulk waste may then be used to complete the filling of the cell.

E Interim storage is applicable only to the Containerized Waste Facility. Packages containing radioactive material shall not be stored for a period of longer than 30 days from the date of receipt. Retention of waste materials above ground pending disposal up to 3 working days does not constitute storage. All packages in storage shall be shielded so that the package or shielding shall not exceed 40 mR/hour at one meter from the surface.

F. Disposal of non-containerized decomposable or compressible waste at the Containerized Waste Facility is prohibited. Such waste shall be disposed of as debris in bulk waste portions of the Class A or Class A North disposal embankments, in accordance with debris placement requirements of the currently approved LLRW and 11e.(2) CQA/QC Manual.

40. The LARW and Class A Disposal Cells, shall be defined by the areas enclosed by the points of reference in Table 40-A. The Containerized Waste Facility within the Class A disposal cell shall be separated from the non-containerized area by a 6-foot chain link fence on the berm around the Containerized Waste Facility perimeter area.

TABLE 40-A

Disposal Cell Boundaries	Coordinates	
	Latitude	Longitude
LARW Disposal Cell		
Northeast Corner	40°41' 10.700524" N	113° 6' 36.372920" W
Southeast Corner	40°40' 52.230624" N	113° 6' 36.713462" W
Southwest Corner	40°40' 52.379041" N	113° 6' 51.184491" W
Northwest Corner	40°41' 10.851418" N	113° 6' 50.846182" W
Class A Disposal Cell		
NW corner	40°41' 28.004487" N	113°7' 23.847971" W
SW corner	40°41' 14.175042" N	113°7' 24.153414" W
SE corner	40°41' 13.717662" N	113°6' 54.827468" W
NE corner	40°41' 27.547403" N	113°6' 54.521700" W

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

Disposal Cell Boundaries	Coordinates	
	Latitude	Longitude
Class A North Disposal Cell		
NW corner	40°41'46.28824"N	113°07'23.12804"W
SW corner	40°41'36.32803"N	113°07'23.11315"W
SE corner	40°41'36.35311"N	113°06'52.98226"W
NE corner	40°41'46.31332"N	113°06'52.99589"W

41. Reserved.

42. Reserved.

43. The Licensee shall construct the Class A North disposal cell identified in Table 40-A in accordance with approved engineering design drawings "Series 04080".

44. The Licensee shall fulfill all requirements and maintain compliance with all conditions in the LLRW CQA/QC Manual and engineering drawings currently approved by the Executive Secretary.

45. All engineering related soil tests conducted by the Licensee to demonstrate compliance with Condition 44 shall be performed by a laboratory certified and accredited by the AASHTO Materials Reference Laboratory (AMRL). Said certification / accreditation shall apply to clay liner, clay radon barrier, soil filter layers, sacrificial soils, and riprap materials, or other soil or man-made materials as directed by the Executive Secretary. Said certification shall include all engineering test methods required by License Condition 44, or as directed by the Executive Secretary.

46. Reserved

47. The Licensee shall not initiate disposal operations in newly excavated areas until the Division has inspected and the Executive Secretary has approved the cell/embankment liner.

CONSTRUCTION DRAWINGS.

48. A. The Licensee shall provide a comprehensive set of drawings for the entire Clive site. The drawings shall correctly: (1) locate all structures, utilities, fences, ponds, drainage features railroad tracks, roads, storage facilities, loading and off-loading facilities, disposal embankments, all environmental monitoring locations including instruments/devices, and any other appurtenances related to the operation, maintenance and closure of the disposal facility; and (2) provide survey control including elevations in sufficient detail to fully describe the site. The drawings shall be developed in accordance with the standards of professional care. A drawing index shall be included that identifies drawings by discrete number. Each drawing shall include

a revision block that documents the latest changes or modifications by date and includes the initials of the responsible reviewer for QA/QC tracking purposes.

B. Drawings showing approved future designs shall be marked as "Final Drawings." Final drawings or drawings developed for construction shall be sealed by a Utah registered professional engineer. The drawings shall be developed in accordance with the standards of professional care.

C. Within 30 days of completion of any project that requires approval by the Executive Secretary, a set of "As-Built" drawings shall be submitted for review. The drawings shall indicate as-built conditions as they existed no earlier than 30 days prior to the submittal. Drawings of finished construction shall be marked as "As-Built" in the final entry in the revision block.

SITE OPERATING PROCEDURES

49. Shipments containing free liquid in excess of 1% shall be absorbed, evaporated, or the liquids removed only at facilities with approved secondary containment or the rail rollover facility.

50. A. On-site generated waste shall be managed according to its radiological, physical and chemical characteristics. Solid phase material shall be disposed in either the Class A Cell, Class A North Cell, Mixed Waste Cell, or the 11e.(2) Cell. Waste water from decontamination facilities will be put in the evaporation ponds or sprayed on disposal cells for purposes of dust and engineering controls.

B. Site equipment that has reached the end of its useful life, is not operational and does not meet the removable contamination limits of License Condition 27, Table 27-A, shall be disposed in the LLRW Class A Cell or Class A North Cell within 90 days as debris in accordance with requirements of the LLRW Construction Quality Assurance/Quality Control Manual or stored on approved facilities for storage, transfer, and sampling of bulk waste.

C. Facility vehicles transferring or unloading waste shall not be left unattended.

51. The following shall be implemented for LLRW and 11e.(2) Waste segregation purposes:

A. LLRW and 11e.(2) waste shall not be managed simultaneously at the Rail rollover facility, Shredder Facility, Rotary Dump Facility, or Rail Digging facility;

B. Any vehicle or facility used to manage waste for disposal within the 11e.(2) disposal embankment, must be clearly labeled to designate 11e.(2) management. The labels shall be visible from both sides of a vehicle/facility designated for 11e.(2) waste management.

C. Equipment, vehicles and facilities, which are used for management of LLRW will be cleaned of any material before being used for 11e.(2) waste management activities. Equipment, vehicles and

facilities shall be cleaned of all waste material to a limit of 500 grams per square foot prior to being used for other waste types.

52. Waste shipments or transportation packages received shall meet the following contamination control requirements for removable contamination

*Less then 220 dpm/100cm^2 alpha
*Less then 2200 dpm/100cm^2 Beta-gamma

If a shipment or transportation package does not meet the above contamination requirements, the Licensee shall take actions to reduce the risk for spread of contamination.

53. A. Quarterly, the Licensee shall clean the facility roads, or more frequently when needed. The material collected from cleaning the roads shall be disposed within an approved disposal embankment for Class A waste.

B. On a biweekly basis (once every two weeks) between the first day of May and the last day of September, the Licensee shall spray a polymer solution on all exposed contaminated cell areas and areas of waste within the Class A Cell and Class A North Cell which have been disturbed in the previous two weeks. The Licensee will apply a polymer-based stabilizer in accordance with the manufacturer's instructions.

C. The Licensee shall minimize the dust created during the process of placing and moving waste, through the use of water. Water or other engineering controls shall be placed on roads and in areas which work is being performed.

D. The Licensee shall cease loading, hauling, and dumping of un-containerized waste whenever the 5-minute average wind velocities exceed 35 miles per hour. When both the 5-minute average and 5-minute maximum wind velocities are less than 35 mph as observed on the meteorological station, management of un-containerized waste may resume.

54. The Licensee shall fulfill and maintain compliance with all conditions and requirements in the Site Radiological Security Plan (Revision 2, March 28, 2006).

55. A. For the Class A and Class A North disposal cells, the Licensee shall ensure that the actual cumulative activity of chlorine-36 does not exceed 0.2828 picocuries per gram in accordance with the following formula:

$$\frac{\text{Total Activity of chlorine-36 Received (picocuries)}}{\text{Total Mass of Active Cell (grams)} + \text{Completed Cell (grams)}} \leq 0.2828 \text{ picocuries per gram}$$

B. For the Class A and Class A North disposal cells, the Licensee shall ensure that the actual cumulative activity of berkelium-247 does not exceed 0.0001 picocuries per gram in accordance with the following formula:

$$\frac{\text{Total Activity of berkelium-247 Received (picocuries)}}{\textit{Total Mass of Active Cell (grams) + Completed Cell (grams)}} \leq 0.0001 \text{ picocuries per gram}$$

C. For the Mixed Waste disposal cell, the Licensee shall ensure that the actual cumulative activity of chlorine-36 does not exceed 8.75 picocuries per gram in accordance with the following formula:

$$\frac{\textit{Total Activity of chlorine-36 Received (picocuries)}}{\textit{Total Mass of Active Cell (grams) + Completed Cell (grams)}} \leq 8.75 \textit{ picocuries per gram}$$

D. For the Mixed Waste disposal cell, the Licensee shall ensure that the actual cumulative activity of berkelium-247 does not exceed 0.00314 picocuries per gram in accordance with the following formula:

$$\frac{\textit{Total Activity of berkelium-247 Received (picocuries)}}{\textit{Total Mass of Active Cell (grams) + Completed Cell (grams)}} \leq 0.00314 \textit{ picocuries per gram}$$

56. Containerized Class A waste shall be certified by the generator to meet the Waste Acceptance Criteria in accordance with the Waste Characterization Plan described in License Condition 58.

57. The Licensee shall move rail shipments into the Restricted Area within seven (7) days of arrival or return to the carrier when management of the waste is not possible within the (7) day period, unless additional time is approved by the Executive Secretary of the Division of Radiation Control. The Licensee may perform the following activities on rail lines, not including the main line adjacent to Section 32:

    A. Visual Inspection

    B. Radiation level surveys

    C. Affix labels

58. The Licensee shall fulfill and maintain compliance with all conditions and requirements in the LLRW Waste Characterization Plan (dated March, 10, 2008).

59. Reserved.

60. All wind dispersed litter located outside of the disposal cell/embankments, shall be retrieved by the Licensee and returned to the Licensee's control within 24 hours.

61. Truck, railcar, and other equipment washdown (decontamination) facilities, including evaporation ponds, shall be controlled with fences or other approved barriers to prevent intrusion.

62. All burial embankments and waste storage areas, including immediately adjacent drainage structures, shall be controlled areas, surrounded by a six-foot chain link fence. Upon site closure, all permanent fences shall be six-feet high chain link topped with three strand barbed wire, tip tension wire, and

twisted selvedge.

63. Radioactive and mixed wastes within Section 32 and all rail spurs controlled by the Licensee around the Licensee's Disposal Facility are possessed by the Licensee. Waste conveyed to the facility by truck is in transport as long as the commercial carrier driver and vehicle remain at the Clive disposal facility. The Licensee does not possess such waste for purposes of determining compliance with surety requirements and SNM quantity limits, except that the Licensee does, however, possess any waste containing SNM that is not disposed of on the day it is delivered to the facility.

64. "Disposal" is the locating of radioactive waste into a lift of the disposal embankment. Disposal does not include the storage of waste in containers on a lift when the container will ultimately be emptied, the staging of containerized waste in the disposal embankment; or waste as "In Cell Bulk Disposal".

MANIFEST/SHIPPING REQUIREMENTS

65. The Licensee shall comply with UAC R313-15-1006 and UAC R313-25-33(8), Requirements for Low-Level Waste Transfer for Disposal at Land Disposal Facilities and Manifests.

66. The Licensee shall not accept radioactive waste for storage and disposal unless the Licensee has received from the shipper a completed manifest that complies with UAC R313-15-1006 and UAC R313-25-33(8).

67. The Licensee shall maintain copies of complete manifests or equivalent documentation required under Conditions 65 and 66 until the Executive Secretary authorizes their disposition.

68. The Licensee shall immediately notify the Executive Secretary or the Division's on-site representative of any waste shipment where there may be a possible violation of applicable rules or license conditions.

69. The Licensee shall require anyone who transfers radioactive waste to the facility to comply with the requirements in UAC R313-15-1006.

70. The Licensee shall acknowledge receipt of the waste within one (1) week of waste receipt by returning a signed copy of the manifest or equivalent document to the shipper. The shipper to be notified is the Licensee who last possessed the waste and transferred the waste to the Licensee. The returned copy of the manifest or equivalent documentation shall indicate any discrepancies between materials listed on the manifest and materials received.

71. The Licensee shall notify the shipper (e.g., the generator, the collector, or processor) and the Division when any shipment or part of a shipment has not arrived within 60 days after receiving the advance manifest.

72. The Licensee shall maintain a record for each shipment of waste disposed of at the site. At a minimum, the record shall include:

    A. The date of disposal of the waste;

    B. The location of the waste in the disposal site;

    C. The condition of the waste packages received;

D. Any discrepancy between the waste listed on the shipment manifest or shipping papers and the waste received in the shipment;

E. A description of any evidence of leaking or damaged packages or radiation or contamination in excess of applicable regulatory limits; and

F. A description of any repackaging of wastes in any shipment.

FINANCIAL ASSURANCE/CLOSURE

73. The Licensee shall at all times maintain a Surety that satisfies the requirements of UAC R313-25-31 in an amount adequate to fund the decommissioning and reclamation of Licensees' grounds, equipment and facilities by an independent contractor. The Licensee shall annually review the amount and basis of the surety and submit a written report of its findings by August 31 each year for Executive Secretary approval. At a minimum, this annual report shall meet the following requirements:

A. Summary of Changes – the annual report shall include a written summary of any change in the cost estimate previously approved by the Executive Secretary, including, but not limited to:

i. A description of any modification, addition, or deletion of any direct cost or post-closure monitoring and maintenance (PCMM) cost line item, including supporting justification, calculations and basis;

ii. Any change to the unique reference number (cost line item) assigned approved by the Executive Secretary for any direct or PCMM cost line item.

B. Indirect Costs shall be based on the sum of all direct costs in accordance with the following values:

Surety Reference No.	Description	Percentage
300	Working Conditions	5.5%
301	Mobilization / Demobilization	4.0%
302	Contingency	11.0%
303	Engineering and Redesign	2.25%
304	Overhead and Profit	19.0%
305	Management Fee and Legal Expenses	4.0%
306	DEQ Oversight	4.0%

C. RS Means Guide estimates of direct construction costs provided in the annual report shall be derived from or based on the most recent edition of the RS Means Guide for Construction.

D. Report Certification – the annual report shall be prepared under the direct supervision of and certified by a Professional Engineer or Professional Geologist currently licensed by the State of Utah with at least five (5) years of construction cost estimation experience. The annual report shall be developed in accordance with the standards of professional care.

E. Electronic Format – the Licensee shall provide the report in both paper and electronic formats, as directed by the Executive Secretary.

F. Within 60-days of Executive Secretary approval of said annual report, the Licensee shall submit written evidence that the surety has been adequately funded.

G. The Licensee shall prepare and maintain current a gravel resource evaluation report on-site that quantifies the gravel reserves remaining in the Grayback Hills Gravel Pit located in Section 24 of T. 1 N., R. 12 W (SLBM). Such report shall be prepared and certified on or before August 31 of each year by a professional engineer or professional geologist currently registered in the State of Utah.

74. One (1) year prior to the anticipated closure of the site, the Licensee shall submit for review and approval by the Executive Secretary a site decontamination and decommissioning plan. As part of this plan, the Licensee shall demonstrate by measurements and/or modeling that concentrations of radioactive materials which may be released to the general environment, after site closure, will not result in an annual dose exceeding 25 millirems to the whole body, 75 millirems to the thyroid, and 25 millirems to any other organ of any member of the public.

75. In accordance with UAC R313-25-33(6), the Licensee shall submit a financial statement annually by March 31st of each year for the previous year.

76. Reserved.

SPECIAL HANDLING

77. Except while waste packages are being handled in the active areas of the Containerized Waste Facility, external gamma radiation levels shall not exceed 40 mR/hr at one meter from the surface of any emplaced waste package or from shielding placed around disposed waste containers.

78. The Licensee shall observe the following controls on waste handling at the Containerized Waste Facility:

A. Before unloading any waste container whose external gamma radiation at the surface exceeds 10 R/hr, an ALARA review shall be performed and documented and a pre-job briefing shall be conducted.

B. As part of the ALARA review, the Licensee shall determine and record (1) estimates of the radiation dose rates for the waste container, disposal unit working face, and any other potentially significant radiation sources; (2) expected durations of exposures to and distances from each radiation source; and (3) expected doses to each person involved in the actual disposal operation.

C. Before unloading any waste container whose external gamma radiation at the surface exceeds

200 R/hr, a practice run shall be conducted. The practice run shall involve shielding, container(s) filled with non-radioactive material, and handling equipment that are similar to those involved with the actual shipment. Similarity includes similar rigging and physical characteristics (e.g., weight, dimensions, and attachments). Those personnel who will participate in receiving, processing, handling, and disposing of the actual waste will participate in the practice run, using actual procedures. The Licensee shall notify the Division 24 hours in advance of conducting the practice runs.

D. On a case-by-case basis, the Executive Secretary may exempt the Licensee from conducting the required practice run, considering the results of earlier practice runs and actual experience handling waste containers with high radiation levels.

79. Reserved.

80. The Licensee shall notify in writing the Executive Secretary at the earliest possible date, but no later than 10 days before scheduled receipt of each shipment with contact radiation levels in excess of 200 R/hr. The notification shall include the anticipated dates of receipt and plan for disposal in the Containerized Waste Facility.

81. The Corporate Radiation Safety Officer or other qualified person he designates shall be present for and shall observe the receipt, processing, handling, and disposal of each waste package with contact radiation levels in excess of 200 R/hr.

82. The Licensee shall dispose of only closed containers in the Containerized Waste Facility. The Licensee shall not dispose of any breached waste container in the Containerized Waste Facility without first repairing the breached container or overpacking it in an undamaged container. The Licensee is authorized to open packages at its facility only to:

A. Repair or repackage breached containers.

B. Inspect for compliance with conditions of this license.

C. Confirm package contents and fill voids in packages/containers that have greater than 15% void space.

D. Accomplish other purposes as approved by the Executive Secretary.

83. The Licensee shall handle and emplace LLRW packages in the Containerized Waste Facility such that packaging integrity is maintained during handling, emplacement, and subsequent backfilling. Waste packages deposited in the Containerized Waste Facility shall be protected from any adverse effects of operations which may damage them.

SEALED SOURCES AND/OR DEVICES

84. A. i. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by equivalent regulations of an Agreement State.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

ii. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by equivalent regulations of an Agreement State prior to the transfer, a sealed source received from another person shall not be put into use until tested.

iii. Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 3 years without being tested for leakage and/or contamination.

iv. The leak test shall be capable of detecting the presence of 185 becquerels (0.005 μCi) of radioactive material on the test sample. If the test reveals the presence of 185 becquerels (0.005 μCi) or more of removable contamination, a report shall be filed with the Executive Secretary in accordance with R313-15-1208, and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Utah Radiation Control Rules. The report shall be filed within 5 days of the date the leak test result is known with the Division of Radiation Control, P.O. Box 144850, Salt Lake City, Utah 84114-4850. The report shall specify the source involved, the test results, and corrective action taken.

v. (a) The Licensee is authorized to collect leak test samples in accordance with Condition 85.D of this license, the Licensee's renewal application (dated March 1, 2001), and the Licensee's Memo (dated March 11, 2002).

(b) The analysis of leak test samples shall only be performed by individuals who meet the qualifications of a Health Physics Technician I or II, as defined by this license. The analysis of leak test samples shall be performed in accordance with the Licensee's renewal application (dated March 1, 2001), and the Licensee's Memo (dated arch 11, 2002). Alternatively, tests for leakage and/or contamination, including sample collection and analysis, may be performed by other persons specifically licensed by the Executive Secretary, the U.S. Nuclear Regulatory Commission, or an Agreement State to perform such services.

vi. Records of leak test results shall be kept in units of Becquerels or microcuries and shall be maintained for inspection by representatives of the Executive Secretary.

B. Sealed sources or source rods, containing licensed material shall not be opened or sources removed from source holders, devices, or detached from source rods by the Licensee, except as specifically licensed by the Executive Secretary, an Agreement State, or the U.S. Nuclear Regulatory Commission to perform such services.

C. The Licensee shall conduct a physical inventory every six months to account for all sealed sources and/or devices received and possessed under this license. The records of inventories shall be maintained for three years from the date of the inventory for inspection by the Division, and shall

include the quantities and kinds of radioactive material, manufacturer's name and model numbers, location of the sources and/or devices, and the date of the inventory.

PORTABLE GAUGING DEVICES:

85. A. Each portable gauging device shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage or when not under the direct surveillance of an authorized user.

B. Each portable gauging device shall be kept under the constant surveillance (direct surveillance) of individuals trained in accordance with Condition 32.B of this license, when the device is not in secured storage, as required by Condition C of this license condition.

C. When a portable gauging device is not in transit or under constant surveillance (direct surveillance) as required by Condition B of this license condition:

i The Licensee shall secure the device in accordance with R313-15-801(1) and (2).

ii. The Licensee shall not:

(a) leave the device unattended or unsecured;

(b) chain the device to a post, chain the device in the back of an open bed truck; or secure the device in any similar manner.

D. Any cleaning and/or maintenance of portable gauging device(s) or the collection of leak test samples, performed by the Licensee, shall only be performed with the radioactive source/source rod in the safe shielded position.

E. All cleaning and/or maintenance of portable gauging device(s), performed by the Licensee shall only be performed in accordance with Condition D of this license condition, and the manufacturer's instructions and recommendations.

F. Any cleaning, maintenance, or repair of portable gauging device(s) that requires removal of the sources/source rod shall be performed only by the manufacturer or by other persons specifically licensed by the Executive Secretary, an Agreement State, or the U.S. Nuclear Regulatory Commission to perform such services.

DOSIMETER CALIBRATOR(S)/IRRADIATOR(S):

86. A. The LDM-2000 reader shall only be connected to a maximum of two IRD-2000 irradiator modules.

B. Devices(s) shall only be:

i. installed in areas where device(s) can be secured and limited to individuals authorized to use device(s) pursuant to Condition A of this license condition and Condition 32.C of this license.

ii. used by individuals who meet the qualifications of a Health Physics Technician I or II, as

defined by this license.

iii. used in accordance with the manufacturer's operating manual and certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by equivalent regulations of an Agreement State. The Licensee shall follow the manufacturer's recommendations for preventative maintenance and operational testing.

C. Maintenance and servicing of device(s) shall only be performed by the manufacturer or persons specifically licensed by the Executive Secretary, the U.S. Nuclear Regulatory Commission, or an Agreement State to perform such services.

D. The Licensee shall not perform calibration(s) for non-MGP Instrument dosimeters.

INCREASED CONTROL CONDITIONS

87. The Licensee shall comply with the requirements described in the Division's letter dated November 14, 2005 and attached document to the Division's letter entitled "Increased Controls for Licensees that Possess Sources Containing Radioactive Material Quantities of Concern." The Licensee shall complete implementation of said requirements before May 15, 2006 or the first day that radionuclides in quantities of concern are possessed at or above the limits specified in Table 1, provided as an attachment to the Division's letter dated November 14, 2005, whichever is later. Within 25 days after the implementation of the requirements of this License Condition, the Licensee shall notify the Executive Secretary in writing that it has completed the requirements of this License Condition.

CLOSEOUT CONDITIONS

88. Except as specifically provided otherwise in this license, the Licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Utah Radiation Control Rules, Utah Administrative Code R313 shall govern unless the statements, representations, and procedures in the Licensee's application and correspondence are more restrictive than the rules.

A. License renewal application, Revision 2, dated June 20, 2005.

B. The following documents refer to revisions made in Amendment 22:

(1) Letter CD04-0481, dated October 27, 2004, Amendment and Modification Request – Class A North Embankment.

(2) Letter CD04-0548, dated December 23, 2004, Revised Class A North Disposal Embankment License Amendment Request.

(3) URS Review of Revised Class A North Embankment Amendment Request, dated December 29, 2004.

(4) Letter CD05-0024, dated January 17, 2005, Class A North Disposal Embankment License Amendment Request Revision 2.

(5) Letter CD05-0265, dated May 20, 2005, Revision of Appendix R, Environmental Monitoring and Surveillance Plan.

(6) Letter CD05-0266, dated May 25, 2005, Surety Calculations for the Class A North Disposal Cell.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

(7) Memo: Treesa Parker to John Hultquist, dated May 25, 2005, Proposed revisions to RML for Amendment 22

(8) Email: Treesa Parker to Christine Hiaring, dated June 1, 2005, License Amendment 22 Minor Changes for Consistency.

C. The following documents refer to revisions made in Amendment 22A:

(1) Division letter dated November 14, 2005.

D. The following documents refer to revisions made in Amendment 22B:

(1) Letter CD05-0333, dated June 30, 2005, RML no. UT 2300249 Request for approval of revisions to Appendix I, Organization, and amendment of License Condition 32 A.

(2) Memorandum dated August 2, 2005, Subject; Review of Appendix I

(3) Letter CD05-0398, dated August 16, 2005, Request for approval of revisions to Appendix I, Organization and amendment of license condition 31.A,B,C, and 32A.

(4) Letter CD05-0507, October 26, 2005, Additional information regarding proposed revisions to Appendix I, Organization and amendment of license condition 31.A,B,C, and 32A.

(5) Letter CD05-0453, dated September 19, 2005 Request for amendment of License Condition 9.10 RML UT2300478; Organization.

(6) Letter dated November 22, 2005, Request for information regarding request to revise Appendix I of the 11e(2) License Application and Amendment of L.C. 9.10.

(7) Letter dated October 11, 2005, Re: Request for Information: Revision to Appendix I and amendment 31A. B. C. and 32A. dated August 16, 2005 (CD05-0398).

(8) Memorandum, dated October 3, 2005, Subject; Appendix I, revisions to RML UT2300249 conditions 31 A, B, C, and 32 A.

(9) Letter CD05-0411, dated August 23, 2005, Payment of administrative cost for Appendix I amendment request dated August 16, 2005.

(10) Letter CD05-0472, dated September 30, 2005, License condition 39.E amendment

(11) Email dated August 10, 2005, Subject: Draft amendment for LC 39.E and attached august 10, 2005, License Condition 39 E. amendment "draft".

(12) Email dated September 16, 2005, Subject: RE: FW: Draft amendment for LC 39.E.

(13) Letter CD05-0285, dated June 1, 2005, Envirocare containerized waste facility concrete overpacks corrective action plan.

(14) Letter dated June 2, 2005, filling waste package voids at the containerized waste facility using controlled low strength material (CLSM)

(15) Letter CD05-0326, dated June 27, 2005, Re: Letter to Mr. Dane Finerfrock, dated April 13, 2005, CD05-0181.

(16) Letter CD05-0366, dated July 26, 2005, Re: Letter to Dane Finerfrock, dated June 27, 2005, CD05-0326.

(17) Letter CD06-0011, dated January 12, 2006, Request to amend License Condition No. 2, Address.

(18) Letter CD06-0043, dated February 3, 2006, Request to amend License Condition No. 1, Company Name.

(19) Letter dated February 6, 2006, evidence of name change with the Utah Department of

Commerce.

(20) Email dated October 6, 2005, Subject: License condition 39.E.

(21) Memorandum from Woodrow W. Campbell through Loren Morton and Dane Finerfrock to Envirocare File, dated January 13, 2006 regarding AMRL Soils Lab Certification for the Envirocare Soils Lab.

(22) Email dated February 15, 2006 from Loren Morton to Dan Shrum, Subject: License Amendment for Condition 73.

(23) Email dated December 23, 2005 from Loren Morton to Dane Finerfrock, Subject: Proposed Changes to License Condition 73 - Annual Surety Evaluation Report.

(24) Letter dated February 22, 2006, Subject: Revise void remediation procedure OPC-6.0.

E. The following documents refer to revisions made in Amendment 22C:

(1) Letter CD05-0435, dated September 8, 2005, Request to amend RML UT 2300249: Condition 58, Waste Characterization Plan.

(2) Letter CD05-0557, dated December 5, 2005, RML UT 2300249; Condition 58 Waste Characterization Plan –Revised License Amendment Request.

(3) Letter CD06-0072, dated February 27, 2006, Radioactive Material License UT 2300249: Condition 58 Waste Characterization Plan – Revised License Amendment Request.

(4) Email dated February 24, 2006 from Boyd Imai to Sean McCandless Re: Waste Characterization Plan.

(5) Letter CD06-0059, dated February 15, 2006, Radioactive Material License UT 2300249 – Self Identified Noncompliance.

(6) Letter dated March 17, 2006, from the DRC regarding the February 15, 2006 letter of noncompliance.

(7) Letter CD06-0055) dated February 9, 2006, Request to Amend RML UT 2300249 to show addition of Liquid Radioactive Sources to License Condition 6.E.

(8) Letter (CD06-0092) dated March 8, 2006, RML UT 2300249; Request for administrative amendment. Conditions 21A and B and Condition 81.

F. The following documents refer to revisions made in Amendment 22E:

(1) CD06-0389, "Request to amend Radioactive Materials License No. UT 23000249 and 11e.(2) Radioactive Materials License No. UT 23000478 – Request for approval revised Appendix I, *Organization*," October 6, 2006.

(2) Shredder Facility

a. CD05-0448, "Radioactive Materials License No. UT 2300249 (RML) and Groundwater Quality Discharge Permit UGW450005 (GWQDP). Request to Construct Shredding Facility," September 15, 2005.

b. CD05-0532, "Request to Construct Shredding Facility – Revised Design and Interrogatory Response," November 14, 2005.

c. CD05-0556, "Request to Construct Shredding Facility – Additional Information," December 2, 2005.

d. CD06-0036, "Request to Construct Shredding Facility – Response to Round 2 Interrogatories", February 1, 2006.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

e. CD06-0098, "Request to Construct Shredding Facility – Response to Round 3 Interrogatory," March 10, 2006.
f. ASTM F-1417, "ASTM Method F 1417-92," March 29, 2006.
g. CD06-0188, "Request to Construct Shredder Facility – Response to Round 4 Interrogatory," May 9, 2006.
h. CD06-0211, "Request to Construct Shredder Facility – Response to Round 4B Interrogatory," May 25, 2006.
i. CD06-0234, "Requests to Construct Shredder and Rotary Dump Facilities – Revised Wastewater Management Process," June 19, 2006.
j. "EnergySolutions LLC Low-Level Radioactive Waste Closure & Post-Closure Trust License UT 2300249 Trust #16673400," June 29, 2006.
k. CD-0346, "Interim Wastewater Management Plan for the Shredder Facility – Response to August 18, 2006 Request for Additional Information," August 31, 2006.
l. CD06-0388, "Radioactive Material License UT 2300429 and Groundwater Quality Discharge Permit (GWDP) No UGW450005 Shredder Facility – Request to Operate," October 5, 2006.
m. CD06-0407, "Comment on Proposed Amendment of Radioactive Material License UT 2300249 and Groundwater Quality Discharge Permit (GWDP) No UGW450005, October 18, 2006.
n. CD06-0414, "Radioactive Material License UT 2300249 and Groundwater Quality Discharge Permit No UGW450005 Shredder Facility – Submittal of Revised Drawings" October 25, 2006.
o. CD06-0425, "Groundwater Quality Discharge Permit No UGW450005 (GWQDP) Submittal of Revised Appendix J and K," November 7, 2006.

(3) Rotary Dump Facility
a. CD05-0564, "Request to Construct – Rotary Dump," December 12, 2005.
b. CD05-0570, "Request to Construct Rotary Dump 00 Submittal of Dose Assessment," December 16, 2005.
c. CD06-0086, "Request to Construct Rotary Dump Facility – Response to Round 1 Interrogatory", March 2, 2006.
d. ASTM F-1417, "ASTM Method F 1417-92," March 29, 2006.
e. CD06-0147, "Request to Construct Rotary Dump Facility – Revised Drawings," April 10, 2006.
f. CD06-0210, "Request to Construct Rotary Dump Facility – Response to Round 2 Interrogatory," May 25, 2006.
g. CD06-0211, "Request to Construct Rotary Dump Facility – Response to Round 4B Interrogatory", May 25, 2006.
h. CD06-0226, "Request to Construct Rotary Dump Facility – Response to Round 2B Interrogatories," June 8, 2006.
i. CD06-0234, "Requests to Construct Shredder and Rotary Dump Facilities – Revised Wastewater Management Process," June 19, 2006.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

(4) Intermodal Container Wash Building
   a. CD05-0291a, "Radioactive Materials License No. UT 2300249 (RML) and Groundwater Quality Discharge Permit UGW450005 (GWQDP). Request to Construct Intermodal Container Wash Building and Access Control Building," June 9, 2005.
   b. CD05-0388, "Request to Construct Intermodal Container Wash Building – Revised Design and Supplemental Information," August 8, 2005.
   c. CD05-0432, "Request to Construct Intermodal Container Wash Building – Revised Design and Interrogatory Response," September 1, 2005.
   d. CD06-0110, "MARSSIM Release for New Intermodal Container Wash Facility," March 22, 2006.
   e. CD06-0206, "Radioactive Material License UT 2300249 and Groundwater Quality Discharge Permit No UGW450005 Intermodal Container Wash Building – Request to Operate," May 22, 2006.
   f. "EnergySolutions LLC Low-Level Radioactive Waste Closure & Post-Closure Trust License UT 2300249 Trust #16673400," June 29, 2006.
   g. CD06-0259, "Groundwater Quality Discharge Permit (GWDP) No UGW450005 Intermodal Container Wash Building – Revised Appendix J and K," July 10, 2006.

(5) Decontamination Access Control Building
   a. CD05-0291b, "Radioactive Materials License No. UT 2300249 (RML) and Groundwater Quality Discharge Permit UGW450005 (GWQDP). Request to Construct Intermodal Container Wash Building and Access Control Building," June 9, 2005.
   b. CD05-0367, "MARSSIM Release of New Boxwash Access Control", July 26, 2005.
   c. CD06-0139, "Radioactive Material License UT 2300249 and Groundwater Discharge Quality Permit (GWDP) No UGW450005 Decontamination Access Control Building – Request to Operate", April 6, 2006.
   d. "EnergySolutions LLC Low-Level Radioactive Waste Closure & Post-Closure Trust License UT 2300249 Trust #16673400," June 29, 2006.
   e. CD06-0245, "Groundwater Discharge Quality Permit (GWDP) No UGW450005 Decontamination Access Control Building – Revised Appendix J and K and Drawing No 05015-S100," June 30, 2006.

(6) East Side Drainage Project
   a. CD06-0175, "Request to Construct East Side Drainage and Gray Water System Modifications," May 1, 2005.
   b. CD06-0244, "East Side Drainage and Gray Water System Modifications – Response to DRC Review," June 30, 2006.
   c. CD06-0293, "Groundwater Discharge Quality Permit No UGW450005 East Side Drainage and Gray Water System – Revised Design and BAT Plans," August 4, 2006.
   d. CD06-0327, "Groundwater Discharge Quality Permit No UGW450005 East Side Drainage and Gray Water System – Revised Appendix J BAT Performance Monitoring Plan and Appendix K BAT Contingency Plan," August 23, 2006.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

e. CD06-0328, "Groundwater Discharge Quality Permit No UGW450005 East Side Drainage and Gray Water System – Revised Drawings," August 24, 2006.

G. The following documents refer to revisions made in Revision 0 of the License Renewal Application:

(1) AGRA Earth & Environmental, Inc. 1999. Summary Seismic Stability and Deformation Analysis: Envirocare LARW Disposal Facility, Clive, Tooele County, Utah. September 1, 1999. (1998 LRA Appendix J)

(2) AGRA Earth & Environmental, Inc. 2000a. Evaluation of Settlement of Compressible Debris Lifts: LARW Embankments, Clive, Tooele County, Utah. June 1, 2000.

(3) AGRA Earth & Environmental, Inc. 2000b. Evaluation of Settlement of Incompressible Debris Lifts: LARW Embankments, Clive, Tooele County, Utah. June 1, 2000.

(4) AMEC Earth & Environmental, Inc. 2000a. Letter Report: Allowable Differential Settlement and Distortion of Liner and Cover Materials. October 4, 2000.

(5) AMEC Earth & Environmental, Inc. 2000b. Letter Report Stability Considerations: Proposed LLRW Embankment. October 25, 2000.

(6) AMEC Earth & Environmental, Inc. 2000c. Letter Report Stability Considerations - Addendum: Proposed LLRW Embankment. November 8, 2000.

(7) AMEC Earth & Environmental, Inc. 2001. Response to Interrogatory Number 2: Placement if HICs in Caissons. October 1, 2001.

(8) AMEC Earth & Environmental, Inc. 2002. Placement of Large Liners in Caissons. June 19, 2002.

(9) Bingham Environmental. 1996. Project Memorandum HEC-1 and HEC-2 Analysis, LARW Application for License Renewal, Envirocare Disposal Facility, Clive Utah. November 26, 1996. (1998 LRA Appendix KK)

(10) EnergySolutions (Rebeccah McCloud) to Utah Division of Radiation Control (Dane Finerfrock). 2006. Correspondence concerning corporate ownership and name changes. February 6, 2006.

(11) EnergySolutions (Tye Rogers) to Utah Division of Radiation Control (Dane Finerfrock). 2006. Correspondence concerning corporate ownership and name changes. February 3, 2006.

(12) EnergySolutions LLC. 2007. "2006 Annual 083106 Rev 052107.xls" [annual surety review], Revision 22, May 21, 2007

(13) EnergySolutions to Utah Division of Radiation Control. 2006. Letter number CD06-0348, Radioactive Materials License No. UT2300249 – Revision to License Condition 26, Appendix R request submitted to DRC on March 17, 2006. September 1, 2006.

(14) Envirocare of Utah, Inc. to URS Corporation. 2005. Personal communication via electronic mail (Sean McCandless and Robert D. Baird, PE). January 27, 2005.

(15) Envirocare of Utah, Inc. to Utah Division of Radiation Control. 2004. Letter number CD04-0287, Updated Specific Gravity Report and Request for Eliminating Specific Gravity Monitoring. June 9, 2004.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

(16) Envirocare of Utah, Inc. to Utah Division of Radiation Control. 2005. Letter number CD05-0487, Cover Test Cell Evaporative Zone Depth (EZD) Report. October 13, 2005 June 9, 2004.

(17) Envirocare of Utah, Inc. 2000a. Pre-Licensing Plan Approval Application for a License Amendment Allowing Disposal of Class B & C Low-Level Radioactive Waste. (revision of January 5, 2000 plan) March 15, 2000.

(18) Envirocare of Utah, Inc. 2000b. Rock Cover Design. July 26, 2000.

(19) Envirocare of Utah, Inc. 2001. "Clive Facility Total Ditch Flow Calculations." October 30, 2001.

(20) Envirocare of Utah, Inc. 2003c. Application for Renewal: Radioactive License Materials License Number UT-2300249. July 2, 2003.

(21) Envirocare of Utah, Inc. 2005d. Application for Renewal: Radioactive License Materials License Number UT-2300249, Revision 2 (including all Appendices). June 20, 2005.

(22) Montgomery-Watson (John Pellicer and Patrick Corser) to Envirocare of Utah, Inc. (Tim Orton). 2000. Letter Report LLRW Cover Frost Penetration. March 1, 2000.

(23) Rogers and Associates Engineering for the Utah Division of Radiation Control. 2000. Siting Evaluation Report for Proposed Disposal Under URCR R-313-25-3 of Class B & C Low Level Radioactive Waste. May 2, 2000.

(24) Shrum, Dan to Robert D. Baird, PE, CCE (URS Corporation). 2005. Via electronic mail. February 28, 2005.

(25) SWCA Environmental Consultants, Inc. 2000. Assessment of Vegetative Impacts on LLRW.

(26) Tooele County Recorder. 1993. Entry No. 5489, Book 348, Page 104. March 16, 1993.

(27) Utah Bureau of Radiation Control (Larry F. Anderson) letter to Envirocare of Utah, Inc. (Khosrow B. Semnani, President). 1987. "Radioactive Material License No. UT 2300249." November 18, 1991.

(28) Utah Department of Environmental Quality (Diane R. Nielson, Executive Director) and Envirocare of Utah, Inc. (Khosrow B. Semnani, President). 1993. "Agreement Establishing Covenants and Restrictions." March 16, 1993.

(29) Utah Division of Radiation Control (Dane Finerfrock) to Envirocare of Utah, Inc. (Daniel Shrum). 2007. "EnergySolutions 2006 Annual Surety Submittal, May 21, 2007 Update." June 1, 2007.

(30) Utah Division of Radiation Control (Dane Finerfrock) to Envirocare of Utah, Inc. (Tye Rogers). 2004. "Restoration of Site Drainage." November 12, 2004.

(31) Utah Division of Radiation Control (Dane Finerfrock) to Envirocare of Utah, Inc. (Tye Rogers). 2005a. "Response to December 4, 2004 Report - Restoration of Site Drainage: Request for Additional Information." February 23, 2005.

(32) Utah Division of Radiation Control (Dane Finerfrock) to Envirocare of Utah, Inc. (Tye Rogers). 2005b. "Response to March 25, 2005 Envirocare Response to the February 27, 2005 DRC Request for Information - Restoration of Site Drainage." April 22, 2005.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

(33) Utah Division of Radiation Control (Dane Finerfrock) to Envirocare of Utah, Inc. (Tye Rogers). 2007. "Restoration of Grade - Round 1 Interrogatories: Notice of Upcoming Requirements and Request for Schedule." February 16, 2007.

(34) Utah Division of Radiation Control (Loren Morton) to EnergySolutions (Tye Rogers) . 2006. Correspondence regarding "DRC Response to Eight Submittals by EnergySolutions Regarding Proposed Class A Combined (CAC) Disposal Cell: Request for Additional Information, Round 3 Interrogatory." March 3, 2006.

(35) Utah Division of Radiation Control to EnergySolutions, LLC. 2006. Letter of approval of Revision 20 of the CQA/QC Manual. September 21, 2006.

(36) Utah Division of Radiation Control (William Sinclair) to Envirocare of Utah, Inc. 2000. Correspondence concerning expectations in addressing the land ownership issue. March 6, 2000.

(37) Utah Division of Radiation Control. 2006a. Memorandum: Analysis of the December 20, 2005 Envirocare Submittal of Settlement Monitoring Plan Update. February 2, 2006. (Johnathan P. Cook to Loren Morton)

(38) Whetstone Associates, Inc. memorandum to Envirocare of Utah, Inc. 2000. Technical Memorandum 41010 Infiltration Through Lower Radon Barrier, Class A, B, & C Cell Cover. November 7, 2000.

(39) Whetstone Associates, Inc. 2000a. Revised Envirocare of Utah Western LARW [Class A] Cell Infiltration and Transport Modeling. July 19, 2000.

(40) Whetstone Associates, Inc. 2001a. "Travel Time Through Class A Cell Cover." June 22, 2001.

(41) Whetstone Associates, Inc. 2003b. Memorandum to Dan Shrum, Envirocare of Utah, "Open Cell Modeling Results for Years 7 – 12," Technical Memorandum 4101T, August 28, 2003.

(42) Whetstone Associates, Inc. 2004. Revised Western LARW Cell Infiltration and Transport Modeling. July 19, 2004.

(43) Zion's Bank and Energy Solutions, LLC, 2007. Surety Details. March 27, 2007.

(44) "Envirocare's Cover Test Cell Evaporative Zone Depth (EZD) Report", Daniel B. Shrum of Envirocare of Utah, LLC to Dane L. Finerfrock of Utah Division of Radiation Control, CD05-0487, October 13, 2005.

(45) "Cover Test Cell Data Report Addendum: Justification to Change EZD from 18-inches to 24-inches", Envirocare of Utah, LLC, October 5, 2005.

(46) "October 13, 2005 Envirocare Submittal Regarding Cover Test Cell Evaporative Zone Depth (EZD) Report: CAC Cell Round 2 Interrogatory", Loren B. Morton of Utah Division of Radiation Control to Daniel B. Shrum of Envirocare of Utah, LLC, November 1, 2005.

(47) "Class A Combined Embankment Interrogatories: Clarification of Envirocare October 13, 2005 Evaporative Zone Depth Report", Daniel B. Shrum of Envirocare of Utah, LLC to Dane L. Finerfrock of Utah Division of Radiation Control, CD05-0518, November 2, 2005.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

(48) "Response to DRC Letter dated November 1, 2005 in Regards to Envirocare's October 13, 2005 Evaporative Zone Depth Report", Daniel B. Shrum of Envirocare of Utah, LLC to Dane L. Finerfrock of Utah Division of Radiation Control, CD05-0520, November 3, 2005.
(49) "Cover Test Cell As-Built Report", Envirocare of Utah, LLC, January 24, 2002.
(50) Appendix N, "Cover Test Cell Monitoring Report" dated June 20, 2003, Envirocare of Utah, LLC, License Renewal Application, Revision 2, dated June 20, 2005
(51) Appendix G, "Drawings" variously dated, Envirocare of Utah, LLC, License Renewal Application, Revision 2, dated June 20, 2005.
(52) "Attachment 4: EZD Cover Test Cell Data" CD-ROM attached to "Radioactive Material License #UT2300249 and Groundwater Quality discharge Permit No. UGW450005. Class A Combined Disposal Embankment – Response to September 19, 2005 Interrogatories", Tye Rogers of Envirocare of Utah, LLC to Dane L. Finerfrock of Utah Division of Radiation Control, CD05-0574, December 16, 2005.
(53) "HDU Data", Mike LeBaron of Envirocare of Utah, LLC to Loren Morton of Utah Division of Radiation Control and Robert Baird of URS Corporation, e-mail dated December 19, 2005.
(54) "Cover Test Cell WCR Data", Mike LeBaron of Envirocare of Utah, LLC to Loren Morton of Utah Division of Radiation Control and Robert Baird of URS Corporation, e-mail dated December 20, 2005.
(55) "Matric Potential Conversion Factor", Mike LeBaron of Envirocare of Utah, LLC to Loren Morton of Utah Division of Radiation Control and Robert Baird of URS Corporation, e-mail dated December 21, 2005.
(56) "RE: Evaporative Pan Data (39400085.10300 OUT)", Mike LeBaron of Envirocare of Utah, LLC to Loren Morton of Utah Division of Radiation Control and Robert Baird of URS Corporation, e-mail dated December 22, 2005.
(57) "Report Combined Embankment Study: Envirocare", AMEC Earth and Environmental, Inc., December 13, 2005.
(58) "Geotechnical Study Increase in Height and Footprint: Envirocare LARW Facility Near Clive, Utah", AMEC Earth and Environmental, Inc., May 27, 2005.
(59) "Class A Disposal Cell: Containerized Waste Facility: Engineering Justification Report", Envirocare of Utah, April 12, 2001.
(60) "Class A Disposal Cell: Containerized Waste Facility: Engineering Justification Report: Addendum 15 Percent Void Space Criteria", Envirocare of Utah, October 2, 2001.
(61) "Mixed Waste Embankment Engineering Justification Report" Revision 2, Envirocare of Utah, October 20, 2001
(62) "Minimum Temperature Return Rates", personal communication from Jim Ashby, November 1, 2000.
(63) "Review of Cover Design for LARW Cell", TerraMatrix/Montgomery Watson to Envirocare of Utah, February 5, 1998.
(64) "Cover Test Cell As-Built Report", Envirocare of Utah, January 24, 2002.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE
SUPPLEMENTARY SHEET

License #UT 2300249
Amendment #1

(65) Letter CD02-0097, "Revised CQA/QC Manual - Containerized Waste Facility: Placement of Large Liners/HICs", Envirocare of Utah to Utah Division of Radiation Control, March 18, 2002.

(66) Letter CD02-0269, "Revised CQA/QC Manual - Containerized Waste Facility: Placement of Large Liners/HICs - Response to Interrogatories", Envirocare of Utah to Utah Division of Radiation Control, July 3, 2002.

(67) Letter CD02-0315, "Revised CQA/QC Manual - Containerized Waste Facility: Placement of Large Liners/HICs - Revised Settlement Analysis and CQA/QC Language", Envirocare of Utah to Utah Division of Radiation Control, August 7, 2002.

(68) Letter CD02-0339, "Revised CQA/QC Manual - Containerized Waste Facility: Placement of Large Liners/HICs - Proposed Revision 15 of the LLRW CQA/QC Manual", Envirocare of Utah to Utah Division of Radiation Control, August 26, 2002.

(69) Letter CD01-0212, "Engineering Justification Report - Waste Placement with CLSM", Envirocare of Utah to Utah Division of Radiation Control, May 16, 2001.

(70) Letter CD01-0296, "Containerized Waste Facility - Placement of Class A Ion-Exchange Resins in Polyethylene HICs and Steel Liners", Envirocare of Utah to Utah Division of Radiation Control, July 5, 2001.

H. The following documents refer to revisions made in Amendment 1:

(1) Letter CD07-0420, "RML UT2300249, Condition 58 –Request for Amendment to the Waste Characterization Plan, dated July 23, 2007.

(2) Letter CD08-0078, "RML UT2300249, Condition 58 –Request for Amendment to the Waste Characterization Plan."

(3) Letter CD08-0004, "RML UT2300249 Amendment for Calibration Sources" dated January 2, 2008.

(4) Letter CD08-0066, "RML UT2300249; Request to amend License Condition 32" dated February 28, 2008.

(5) Email dated February 29, 2008 from Boyd Imai to Mark Ledoux Re: Amendment Request (CD08-004).

(6) Email dated November 23, 2007 from John Hultquist to Sean McCandless, Request for Information regarding WCP:

(7) Letter dated March 7, 2008, Utah Division of Radiation Control (Dane Finerfrock) to EnergySolutions, LLC. (Sean McCandless). "Appendix I Organization dated February 28, 2008".

(8) Memorandum from John Hultquist to File; dated March 11, 2008 Review of WCP revised November 9, 2007 and March 10, 2008.

UTAH RADIATION CONTROL BOARD

_____ _____

Dane L. Finerfrock, Executive Secretary Date

Project: r
Contact: r

EDR® Environmental Data Resources Inc

(b)(4) copyright

NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES. PLEASE REVIEW THE DISCLAIMER, COPYRIGHT AND TRADEMARK NOTICE AT THE END OF THIS REPORT.

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

SCHN00322505

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

SCHN00322508

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

SCHN00322515

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

SCHN00322527

(b)(4) copyright

SCHN00322528

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

SCHN00322533

(b)(4) copyright

(b)(4) copyright

SCHN00322535

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

SCHN00322557

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

(b)(4) copyright

SCHN00322563

DISCLAIMER, COPYRIGHT AND TRADEMARK NOTICE

This is The EDR OnDemand™ Report. Through its continuing emphasis in online technological advancements, EDR has developed the OnDemand™ system, which enables EDR's customers to search EDR's databases and generate reports based on database records selected by the Client. Client acknowledges that Client has generated this Report by marking those records which Client wishes to include in the final Report. Client has not requested that EDR provide any advice, recommendation or guidance on which records to include in the final Report, and EDR had provided no such advice, recommendation or guidance. The decision of which records to include in the final Report is solely that of Client. EDR has done no checking or quality control of any of the records included in this Report or of this Report itself.

This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANYSUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.**
Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assesment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2007 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Oversize Document Reduced for Production Purposes.
Full-size Available Upon Request

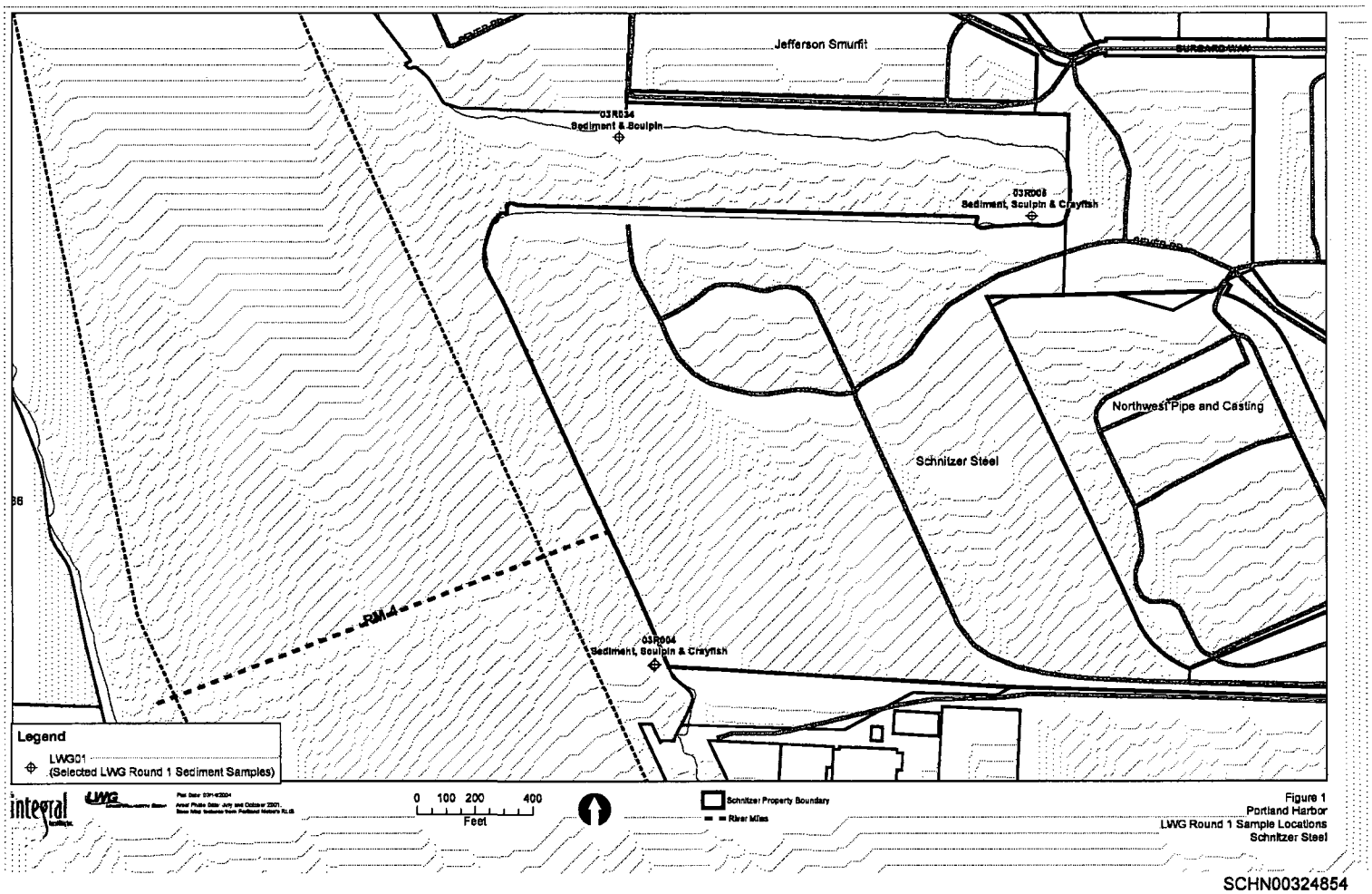


Figure 1
Portland Harbor
LWG Round 1 Sample Locations
Schnitzer Steel

SCHN00324854

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	**Storm Water Monitoring Data**														
2	**Northwest Pipe**														
3				*BM*											
4	Sample Point[1]	Outfall[2]	Date	Exceed	pH	TSS		O&G		Copper		Lead		Zinc	
5															
6	HC1	18	2/17/1994	X	8.67	200		26		0.07		0.036		0.49	
7	HC2	18	2/17/1994	X	7.97	140		15		0.14		0.04		0.58	
8	HC3	1	2/17/1994	X	9.51	250		9		0.05	U	0.047		0.19	
9	?	18?	11/30/1994	X	12.2	380		3	U	0.04		0.008		0.06	
10	HC1?	18?	11/30/1994	X	9.3	150		6		0.03		0.02		0.36	
11	HC1?	18?	11/30/1994	X	9.8	230		5		0.04		0.023		0.37	
12	?	17	6/14/1995	X	8.58	160		3	U	0.05		0.05		0.36	
13	?	18?	6/14/1995	X	10.88	170		12		0.03		0.012		0.8	
14	?	18?	6/14/1995	X	9.78	260		8		0.06		0.04		0.59	
15	?	17	6/17/1996	X	7.74	120		9		0.04		0.03		1.2	
16	?	18?	6/17/1996	X	8.43	190		11		0.04		0.019		0.29	
17	?	18?	6/17/1996	X	8.98	260		8		0.04		0.026		0.3	
18	?	17	12/26/1996		7.25	48		3	U	0.022		0.035		0.098	
19	?	18?	12/26/1996	X	10.88	150		5		0.022		0.015		0.41	
20	?	18?	12/26/1996	X	11.26	130		6		0.021		0.015		0.32	
21	HC1	18	9/16/1997	X	8	810		19		0.21		0.3		1.7	
22	HC2	18	9/18/1997		8.24	52		6		0.02	U	0.008		0.08	
23	HC3	1	9/18/1997		7.84	17		5		0.02	U	0.005		0.04	
24	HC1	18	11/20/1998	X	7.49	40		3	U	0.02		0.014		1.7	
25	HC2	18	11/20/1998		7.88	58		6		0.02	U	0.002		0.06	
26	HC3	1	11/20/1998		7.74	44		5		0.02	U	0.0062		0.06	
27	HC1	18	5/3/1999	X	9.93	18		3	U	0.02	U	0.025		2.4	
28	HC2	18	5/3/1999	X	7.97	180		3	U	0.02		0.01		0.2	
29	HC3	1	5/3/1999		7.95	36		3		0.02	U	0.0024		0.05	
30	HC1	18	11/19/1999	X	7.08	95		20		0.006		0.002		2.1	
31	HC2	18	11/19/1999	X	8.04	310		5		0.02		0.013		0.31	
32	HC3	1	11/19/1999	X	8.01	290		5		0.021		0.011		0.33	
33	HC1	18	12/16/1999	X	6.89	24		41		0.1	U	0.03		1.9	
34	HC2	18	12/16/1999		7.81	51		8		0.1	U	0.02	U	0.4	
35	HC3	1	12/16/1999	X	9.58	72		6		0.1	U	0.02	U	0.5	
36	HC1	18	6/13/2000	X	7.31	490		23		0.1		0.22		3.9	
37	HC2	18	6/13/2000	X	9.94	62		7		0.017		0.17		0.063	
38	HC3	1	6/13/2000	X	12.66	330		7		0.11		0.09	U	0.42	
39	HC1	18	1/13/2001	X	7.79	58		3	U	0.03	U	0.01		1.9	
40	HC2	18	1/13/2001		7.85	96		5		0.03		0.022		0.43	
41	HC3	1	1/13/2001		8.04	110		3		0.03	U	0.02		0.25	
42	HC1	18	11/20/2001	X	7.04	840		55		0.13		0.07		4.6	
43	HC2	18	11/20/2001	X	9.63	560		19		0.1		0.038		1	
44	HC3	1	11/20/2001	X	10.09	1200		12		0.19		0.061		1.2	
45	HC1?	18	1/31/2002	X	7.5	66		7.6		0.0309		0.0223		2.53	
46	HC2?	18	1/31/2002	X	8.3	258		13		0.0474		0.0323		1.44	
47	HC3?	1	1/31/2002	X	9.2	244		9.8		0.049		0.0316		1.15	
48	CH2	18	12/30/2002	X	7	252		15.2		0.0527		0.0311		1.15	
49	CH3	18	12/30/2002	X	8.4	183		6		0.0445		0.0298		0.882	
50	East Basin	18	12/30/2002	X	6.8	58		5	U	0.0133		0.0083		1.11	
51	CH3	18	9/9/2003		8.01	10		5	U	0.0104		0.0069		0.24	
52	NE CB	18	9/9/2003		7.54	2		5	U	0.01	U	0.003	U	0.0589	
53															
54			Benchmarks[3]			130		10		0.1		0.4		0.6	
55															
56	1 - "HC" location as per 1993 Hart Crowser SWPCP; "CH" location as per 2002 CH2M HILL SWPCP														

	P	Q	R	S	T	U	V	W	X	Y
1										
2										
3										
4	Arsenic		Cadmium		Chromium		Mercury		Nickel	
5										
6	0.005	U	0.001	U	0.018		0.0005	U	0.05	U
7	0.005	U	0.001	U	0.02		0.0005	U	0.05	U
8	0.005	U	0.001	U	0.024		0.0005	U	0.05	U
9	0.005	U	0.001		0.21		0.0005	U	0.03	
10	0.005	U	0.001	U	0.017		0.0005	U	0.01	U
11	0.005	U	0.001	U	0.02		0.0005	U	0.01	U
12	0.005	U	0.001	U	0.041		0.0002	U	0.01	
13	0.005		0.001	U	0.032		0.0002	U	0.01	U
14	0.005	U	0.001	U	0.031		0.0002	U	0.01	
15	0.0015		0.0011		0.01		0.0005	U	0.01	
16	0.0025		0.0005	U	0.014		0.0005	U	0.01	U
17	0.0028		0.0005	U	0.015		0.0005	U	0.01	U
18	0.005	U	0.001	U	0.008		0.0005	U	0.0026	
19	0.005	U	0.001	U	0.01		0.0005	U	0.0051	
20	0.005	U	0.001	U	0.01		0.0005	U	0.0054	
21	0.0061		0.0035		0.091		0.0004	U	0.04	
22	0.0018		0.0002	U	0.005		0.0004	U	0.01	U
23	0.0017		0.0002	U	0.003		0.0004	U	0.01	U
24	0.001		0.0008		0.014		0.001	U	0.01	U
25	0.0009		0.0002	U	0.005		0.001	U	0.01	U
26	0.0009		0.0002	U	0.004		0.001		0.01	U
27	0.0005	U	0.0008		0.004		0.0005	U	0.01	U
28	0.0009		0.0002		0.017		0.001	U	0.01	U
29	0.001		0.0002	U	0.003		0.001	U	0.01	U
30	0.002	U	0.001	U	0.001	U	0.0005	U	0.001	U
31	0.002	U	0.001	U	0.013		0.0005	U	0.001	
32	0.002	U	0.001	U	0.01		0.0005		0.001	U
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54	4.25		0.02		8.5		0.01		7	
55										
56										

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
57	2 - Outfall as per 2003 Schnitzer SWPPP														
58	3 - Benchmarks are as stated in the permit or, if not stated in permit, 5 x acute fresh water quality criteria														
59	U - Not reported at noted reporting limit														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**Storm Water Monitoring Data - Discharge to Outfall 18**													
2	**Northwest Pipe**													
3				BM										
4	Sample Point[1]	Outfall[2]	Date	Exceed	pH	TSS		O&G		Copper		Lead		Zinc
5														
6	HC1	18	2/17/1994	X	8.67	200		26		0.07		0.036		0.49
7	HC2	18	2/17/1994	X	7.97	140		15		0.14		0.04		0.58
8	HC1?	18?	11/30/1994	X	9.3	150		6		0.03		0.02		0.36
9	HC1?	18?	11/30/1994	X	9.8	230		5		0.04		0.023		0.37
10	?	18?	11/30/1994	X	12.2	360		3	U	0.04		0.008		0.06
11	?	18?	6/14/1995	X	10.88	170		12		0.03		0.012		0.8
12	?	18?	6/14/1995	X	9.78	260		8		0.06		0.04		0.59
13	?	18?	6/17/1996	X	8.43	190		11		0.04		0.019		0.29
14	?	18?	6/17/1996	X	8.98	260		8		0.04		0.026		0.3
15	?	18?	12/26/1996	X	10.88	150		5		0.022		0.015		0.41
16	?	18?	12/26/1996	X	11.26	130		6		0.021		0.015		0.32
17	HC1	18	9/18/1997	X	8	810		19		0.21		0.3		1.7
18	HC2	18	9/18/1997		8.24	52		6		0.02	U	0.008		0.08
19	HC1	18	11/20/1998	X	7.49	40		3	U	0.02		0.014		1.7
20	HC2	18	11/20/1998		7.86	56		6		0.02	U	0.002		0.06
21	HC1	18	5/3/1999	X	9.93	16		3	U	0.02	U	0.025		2.4
22	HC2	18	5/3/1999	X	7.97	180		3	U	0.02		0.01		0.2
23	HC1	18	11/19/1999	X	7.08	95		20		0.008		0.002		2.1
24	HC2	18	11/19/1999	X	8.04	310		5		0.02		0.013		0.31
25	HC1	18	12/16/1999	X	6.89	24		41		0.1	U	0.03		1.9
26	HC2	18	12/16/1999		7.81	51		8		0.1	U	0.02	U	0.4
27	HC1	18	6/13/2000	X	7.31	490		23		0.1		0.22		3.9
28	HC2	18	6/13/2000	X	9.94	62		7		0.017		0.17		0.063
29	HC1	18	1/13/2001	X	7.79	58		3	U	0.03	U	0.01		1.9
30	HC2	18	1/13/2001		7.85	96		5		0.03		0.022		0.43
31	HC1	18	11/20/2001	X	7.04	840		55		0.13		0.07		4.6
32	HC2	18	11/20/2001	X	9.63	560		19		0.1		0.038		1
33	HC1?	18	1/31/2002	X	7.5	66		7.6		0.0309		0.0223		2.53
34	HC2?	18	1/31/2002	X	8.3	258		13		0.0474		0.0323		1.44
35	CH2	18	12/30/2002	X	7	252		15.2		0.0527		0.0311		1.15
36	CH3	18	12/30/2002	X	8.4	183		6		0.0445		0.0298		0.882
37	East Basin	18	12/30/2002	X	6.8	58		5	U	0.0133		0.0083		1.11
38	CH3 (CB3)	18	9/9/2003		8.01	10		5	U	0.0104		0.0069		0.24
39	NE CB (CB4)	18	9/9/2003		7.54	2		5	U	0.01	U	0.003	U	0.0689
40	East Basin (CB2)	18	9/9/2003		-	2		5	U	0.01	U	0.003	U	0.04
41														
42				80%										
43														
44			Benchmarks[3]		6-9	130		10		0.1		0.4		0.6
45														
46	1 - "HC" location as per 1993 Hart Crowser SWPCP; "CH" location as per 2002 CH2M HILL SWPCP													
47	2 - Outfall as per 2003 Schnitzer SWPPP													
48	3 - Benchmarks are as stated in the permit or, if not stated in permit, 5 x acute fresh water quality criteria													
49	U - Not reported at noted reporting limit													

	O	P	Q	R	S	T	U	V	W	X	Y
1											
2											
3											
4		Arsenic		Cadmium		Chromium		Mercury		Nickel	
5											
6		0.005	U	0.001	U	0.018		0.0005	U	0.05	U
7		0.005	U	0.001	U	0.02		0.0005	U	0.05	U
8		0.005	U	0.001	U	0.017		0.0005	U	0.01	U
9		0.005	U	0.001	U	0.02		0.0005	U	0.01	U
10		0.005	U	0.001		0.21		0.0005	U	0.03	
11		0.005		0.001	U	0.032		0.0002	U	0.01	U
12		0.005	U	0.001	U	0.031		0.0002	U	0.01	
13		0.0025		0.0005	U	0.014		0.0005	U	0.01	U
14		0.0028		0.0005	U	0.015		0.0005	U	0.01	U
15		0.005	U	0.001	U	0.01		0.0005	U	0.0051	
16		0.005	U	0.001	U	0.01		0.0005	U	0.0054	
17		0.0061		0.0035		0.091		0.0004	U	0.04	
18		0.0018		0.0002	U	0.005		0.0004	U	0.01	U
19		0.001		0.0008		0.014		0.001	U	0.01	U
20		0.0009		0.0002	U	0.005		0.001	U	0.01	U
21		0.0005	U	0.0009		0.004		0.0005	U	0.01	U
22		0.0009		0.0002		0.017		0.001	U	0.01	U
23		0.002	U	0.001	U	0.001	U	0.0005	U	0.001	U
24		0.002	U	0.001	U	0.013		0.0005	U	0.001	
25											
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38						0.01	U			0.02	U
39						0.01	U			0.02	U
40						0.01	U			0.02	U
41											
42											
43											
44		4.25		0.02		8.5		0.01		7	
45											
46											
47											
48											
49											

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	**Storm Water Monitoring Data - Discharge to Former OF1**														
2	**Northwest Pipe**														
3				BM											
4	Sample Point[1]	Outfall[2]	Date	Exceed	pH	TSS		O&G		Copper		Lead		Zinc	
5															
6	HC3	1	2/17/1994	X	9.51	250		9		0.05	U	0.047		0.19	
7	?	1?	6/14/1995	X	8.58	160		3	U	0.05		0.05		0.38	
8	?	1?	6/17/1996	X	7.74	120		9		0.04		0.03		1.2	
9	?	1?	12/26/1996		7.25	48		3	U	0.022		0.035		0.098	
10	HC3	1	9/18/1997		7.84	17		5		0.02	U	0.005		0.04	
11	HC3	1	11/20/1998		7.74	44		5		0.02	U	0.0082		0.06	
12	HC3	1	5/3/1999		7.95	36		3		0.02	U	0.0024		0.05	
13	HC3	1	11/19/1999	X	8.01	290		5		0.021		0.011		0.33	
14	HC3	1	12/16/1999	X	9.58	72		6		0.1	U	0.02	U	0.5	
15	HC3	1	6/13/2000	X	12.66	330		7		0.11		0.09	U	0.42	
16	HC3	1	1/13/2001		8.04	110		3		0.03	U	0.02		0.25	
17	HC3	1	11/20/2001	X	10.09	1200		12		0.19		0.061		1.2	
18	HC3?	1	1/31/2002	X	9.2	244		9.8		0.049		0.0316		1.15	
19															
20			Benchmarks[3]	62%	6-9	130		10		0.1		0.4		0.6	
21															
22	1 - "HC" location as per 1993 Hart Crowser SWPCP; "CH" location as per 2002 CH2M HILL SWPCP														
23	2 - Outfall as per 2003 Schnitzer SWPPP														
24	3 - Benchmarks are as stated in the permit or, if not stated in permit, 5 x acute fresh water quality criteria														
25	U - Not reported at noted reporting limit														

	P	Q	R	S	T	U	V	W	X	Y
1										
2										
3										
4	Arsenic		Cadmium		Chromium		Mercury		Nickel	
5										
6	0.005	U	0.001	U	0.024		0.0005	U	0.05	U
7	0.005	U	0.001	U	0.041		0.0002	U	0.01	
8	*0.0015*		*0.0011*		*0.01*		*0.0005*	*U*	*0.01*	
9	0.005	U	0.001	U	0.008		0.0005	U	0.0026	
10	0.0017		0.0002	U	0.003		0.0004	U	0.01	U
11	0.0008		0.0002	U	0.004		0.001		0.01	U
12	0.001		0.0002	U	0.003		0.001	U	0.01	U
13	0.002	U	0.001	U	0.01		0.0005		0.001	U
14										
15										
16										
17										
18										
19										
20	4.25		0.02		8.5		0.01		7	
21										
22										
23										
24										
25										

CH2M HILL HEALTH AND SAFETY PLAN

This Health and Safety Plan (HSP) will be kept on the site during field activities and will be reviewed as necessary. The plan will be amended or revised as project activities or conditions change or when supplemental information becomes available. The plan adopts, by reference, the Standards of Practice (SOPs) in the CH2M HILL *Corporate Health and Safety Program, Program and Training Manual*, as appropriate. In addition, this plan adopts procedures in the project Work Plan. The Site Safety Coordinator (SSC) is to be familiar with these SOPs and the contents of this plan. CH2M HILL's personnel and subcontractors must sign Attachment 1.

Project Information and Description

PROJECT NO: 161844.a0.zz

CLIENT: Northwest Pipe Co.

PROJECT/SITE NAME: North Portland plant

SITE ADDRESS: 12005 North Burgard Rd

CH2M HILL PROJECT MANAGER: Shump, Ken

CH2M HILL OFFICE: Portland, Oregon Office

DATE HEALTH AND SAFETY PLAN PREPARED: 6/25/2002

DATE(S) OF SITE WORK: July 2002 through January 2003

SITE ACCESS: None

SITE SIZE: 26 acres

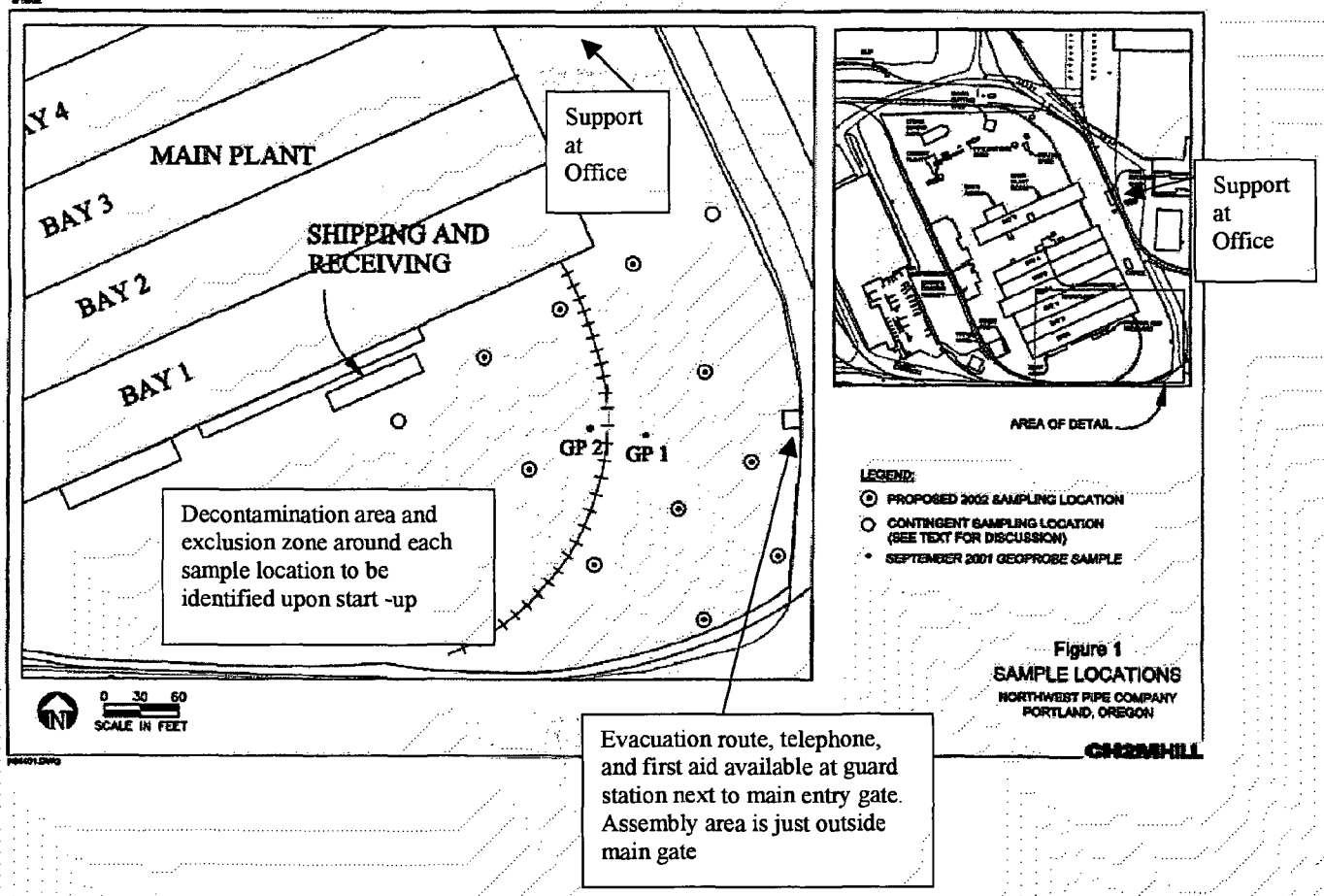
SITE TOPOGRAPHY: Flat

PREVAILING WEATHER: marine temperate

SITE DESCRIPTION AND HISTORY: WWII ship building site, currently pipe manufacturer.

DESCRIPTION OF SPECIFIC TASKS TO BE PERFORMED: Collect soil and groundwater samples for analysis from existing well, surface soil, and geoprobes.

Site Map



Evacuation route, telephone, and first aid available at guard station next to main entry gate. Assembly area is just outside main gate

Table of Contents

PROJECT INFORMATION AND DESCRIPTION ..... *I*

SITE MAP ..... *II*

1 TASKS TO BE PERFORMED UNDER THIS PLAN *5*

1.1 DESCRIPTION OF TASKS *5*
1.1.1 Hazwoper-Regulated Tasks *5*
1.1.2 Non-Hazwoper-Regulated Tasks *5*
1.2 TASK HAZARD ANALYSIS *5*

2 HAZARD CONTROLS *7*

2.1 PROJECT-SPECIFIC HAZARDS *7*
2.2 GENERAL HAZARDS *7*
2.2.1 General Practices and Housekeeping *7*
2.2.2 Hazard Communication *7*
2.2.3 Shipping and Transportation of Chemical Products *7*
2.2.4 Lifting *7*
2.2.5 Fire Prevention *8*
2.2.6 Electrical *8*
2.2.7 Confined Space Entry *9*
.3 BIOLOGICAL HAZARDS AND CONTROLS *10*
2.3.1 Snakes *10*
2.3.2 Poison Ivy and Poison Sumac *10*
2.3.3 Ticks *10*
2.3.4 Bees and Other Stinging Insects *10*
2.3.5 Bloodborne Pathogens *10*
2.3.6 Hanta Virus *11*
2.4 RADIOLOGICAL HAZARDS AND CONTROLS *11*
2.5 CONTAMINANTS OF CONCERN *12*
2.6 POTENTIAL ROUTES OF EXPOSURE *12*

3 PROJECT ORGANIZATION AND PERSONNEL *13*

3.1 CH2M HILL EMPLOYEE MEDICAL SURVEILLANCE AND TRAINING *13*
3.2 FIELD TEAM CHAIN OF COMMAND AND COMMUNICATION PROCEDURES *13*
3.2.1 Client *13*
3.2.2 CH2M HILL *13*
3.2.3 CH2M HILL Subcontractors *14*
3.2.4 Contractors *14*

4 PERSONAL PROTECTIVE EQUIPMENT (PPE) *15*

5 AIR MONITORING/SAMPLING *16*

5.1 AIR MONITORING SPECIFICATIONS *16*
5.2 CALIBRATION SPECIFICATIONS *16*
5.3 AIR SAMPLING *16*

6 DECONTAMINATION *17*

6.1 DECONTAMINATION SPECIFICATIONS *17*
6.2 DIAGRAM OF PERSONNEL-DECONTAMINATION LINE *17*

7 SPILL-CONTAINMENT PROCEDURES *17*

8 SITE-CONTROL PLAN *19*

8.1 SITE-CONTROL PROCEDURES *19*
8.2 HAZWOPER COMPLIANCE PLAN *19*

9 EMERGENCY RESPONSE PLAN *20*

9.1 Pre-Emergency Planning *20*
9.2 Emergency Equipment and Supplies *20*
9.3 Incident Response *20*
9.4 Emergency Medical Treatment *20*
9.5 Evacuation *21*
9.6 Evacuation Signals *21*
9.7 Incident Notification and Reporting *21*

10 APPROVAL ***22***

10.1 Original Plan *22*
10.2 Revisions *22*

11 ATTACHMENTS ***22***

Attachment 1: Employee Signoff Form – Field Safety Instructions *223*
Attachment 2: Project-Specific Chemical Product Hazard Communication Form *224*
Attachment 3: Chemical-Specific Training Form *225*
Attachment 4: Emergency Contacts *22*
Attachment 5: Project H&S Forms/Permits *228*
Attachment 6: Project Activity Self-Assessment Checklists *229*
Attachment 7: Applicable Material Safety Data Sheets *33*

SCHN00328453

1 Tasks to be Performed Under this Plan

1.1 Description of Tasks

(Reference Field Project Start-up Form)

Refer to project documents (i.e., Work Plan) for detailed task information. A health and safety risk analysis (Section 1.2) has been performed for each task and is incorporated in this plan through task-specific hazard controls and requirements for monitoring and protection. Tasks other than those listed below require an approved amendment or revision to this plan before tasks begin. Refer to Section 8.2 for procedures related to "clean" tasks that do not involve hazardous waste operations and emergency response (Hazwoper).

1.1.1 Hazwoper-Regulated Tasks

- ☐ Geoprobe boring
- ☐ Groundwater monitoring
- ☐ Surface water sampling
- ☐ Sediment sampling
- ☐ Surface soil sampling
- ☐ Investigation-derived waste (drum) sampling and disposal

1.1.2 Non-Hazwoper-Regulated Tasks

Under specific circumstances, the training and medical monitoring requirements of federal or state Hazwoper regulations are not applicable. It must be demonstrated that the tasks can be performed without the possibility of exposure in order to use non-Hazwoper-trained personnel. **Prior approval from the Health and Safety Manager (HSM) is required before these tasks are conducted on regulated hazardous waste sites.**

TASKS

- ☐ None Identified

CONTROLS

- ☐ Brief on hazards, limits of access, and emergency procedures
- ☐ Post contaminant areas as appropriate (refer to Section 8.2 for details)
- ☐ Sample and monitor as appropriate (refer to Section 5.0)

1.2 Task Hazard Analysis

(Refer to Section 2 for hazard controls)

POTENTIAL HAZARDS	TASKS		
	Drilling, geoprobe, and well installation & abandonment	Groundwater monitoring, aquifer testing	IDW drum sampling and disposal
Flying debris/objects	X		X
Noise > 85dBA	X		
Electrical	X	X	
Suspended loads	X		
Buried utilities, drums, tanks	X		
Slip, trip, fall	X	X	X
Back injury	X	X	X
Visible lightning	X	X	X
Fires	X		X
Entanglement	X		
Drilling	X		
Heavy equipment	X		
IDW Drum Sampling			X

SCHN00328454

SCHN00328455

2 Hazard Controls

This section provides safe work practices and control measures used to reduce or eliminate potential hazards. These practices and controls are to be implemented by the party in control of either the site or the particular hazard. CH2M HILL employees and subcontractors must remain aware of the hazards affecting them regardless of who is responsible for controlling the hazards. CH2M HILL employees and subcontractors who do not understand any of these provisions should contact the SSC for clarification.

In addition to the controls specified in this section, Project-Activity Self-Assessment Checklists are contained in Attachment 6. These checklists are to be used to assess the adequacy of CH2M HILL and subcontractor site-specific safety requirements. The objective of the self-assessment process is to identify gaps in project safety performance, and prompt for corrective actions in addressing these gaps. Self-assessment checklists should be completed early in the project, when tasks or conditions change, or when otherwise specified by the HSM. The self-assessment checklists, including documented corrective actions, should be made part of the permanent project records, and be promptly submitted to the HSM.

Project-specific frequency for completing self-assessments: Initially and weekly during geoprobe

2.1 Project-Specific Hazards

2.1.1 Drilling/Direct Push

(Reference CH2M HILL SOP HS-35, *Drilling*)

- ☐ Only authorized personnel are permitted to operate drill rigs.
- ☐ Stay clear of areas surrounding drill rigs during every startup.
- ☐ Stay clear of the rotating augers and other rotating components of drill rigs.
- ☐ Stay as clear as possible of all hoisting operations. Loads shall not be hoisted overhead of personnel.
- ☐ Do not wear loose-fitting clothing or other items such as rings or watches that could get caught in moving parts. Long hair should have it restrained.
- ☐ If equipment becomes electrically energized, personnel shall be instructed not to touch any part of the equipment or attempt to touch any person who may be in contact with the electrical current. The utility company or appropriate party shall be contacted to have line de-energized prior to approaching the equipment.

Smoking around drilling operations is prohibited.

2.2 General Hazards

2.2.1 General Practices and Housekeeping (Reference CH2M HILL SOP HS-20, *General Practices*)

- ☐ Site work should be performed during daylight hours whenever possible. Work conducted during hours of darkness require enough illumination intensity to read a newspaper without difficulty.
- ☐ Good housekeeping must be maintained at all times in all project work areas.
- ☐ Common paths of travel should be established and kept free from the accumulation of materials.
- ☐ Keep access to aisles, exits, ladders, stairways, scaffolding, and emergency equipment free from obstructions.
- ☐ Provide slip-resistant surfaces, ropes, and/or other devices to be used.
- ☐ Specific areas should be designated for the proper storage of materials.
- ☐ Tools, equipment, materials, and supplies shall be stored in an orderly manner.
- ☐ As work progresses, scrap and unessential materials must be neatly stored or removed from the work area.
- ☐ Containers should be provided for collecting trash and other debris and shall be removed at regular intervals.
- ☐ All spills shall be quickly cleaned up. Oil and grease shall be cleaned from walking and working surfaces.

2.2.2 Manual Lifting (Reference CH2M HILL, SOP HS-29, *Lifting*)

- ☐ Proper lifting techniques must be used when lifting any object.
  - ☐ Plan storage and staging to minimize lifting or carrying distances.
  - ☐ Split heavy loads into smaller loads.

SCHN00328456

- ☐ Use mechanical lifting aids whenever possible.
- ☐ Have someone assist with the lift -- especially for heavy or awkward loads.
- ☐ Make sure the path of travel is clear prior to the lift.

2.2.3 Fire Prevention (Reference CH2M HILL, SOP HS-22, *Fire Prevention)*

- ☐ Fire extinguishers shall be provided so that the travel distance from any work area to the nearest extinguisher is less than 100 feet. When 5 gallons or more of a flammable or combustible liquid is being used, an extinguisher must be within 50 feet. Extinguishers must:
- ☐ be maintained in a fully charged and operable condition,
- ☐ be visually inspected each month, and
- ☐ undergo a maintenance check each year.
- ☐ Combustible materials stored outside should be at least 10 feet from any building.
- ☐ Solvent waste and oily rags must be kept in a fire resistant, covered container until removed from the site.
- ☐ Flammable/combustible liquids must be kept in approved containers.

2.2.4 Electrical (Reference CH2M HILL, SOP HS-23, *Electrical)*

- ☐ Only qualified personnel are permitted to work on unprotected energized electrical systems.
- ☐ Do not tamper with electrical wiring and equipment unless qualified to do so. All electrical wiring and equipment must be considered energized until lockout/tagout procedures are implemented.
- ☐ Inspect electrical equipment, power tools, and extension cords for damage prior to use. Do not use defective electrical equipment, remove from service.
- ☐ Extension cords must be:
  - ☐ equipped with third-wire grounding.
  - ☐ covered, elevated, or protected from damage when passing through work areas.
  - ☐ protected from pinching if routed through doorways.
  - ☐ not fastened with staples, hung from nails, or suspended with wire.
- ☐ Electrical power tools and equipment must be effectively grounded or double-insulated UL approved.
- ☐ Operate and maintain electric power tools and equipment according to manufacturers' instructions.
- ☐ Maintain safe clearance distances between overhead power lines and any electrical conducting material unless the power lines have been de-energized and grounded, or where insulating barriers have been installed to prevent physical contact. Maintain at least 10 feet from overhead power lines for voltages of 50 kV or less, and 10 feet plus ½ inch for every 1 kV over 50 kV.

2.2.5 Procedures for Locating Buried Utilities

Local Utility Mark-Out Service

Name: **Client will verify utility clearance**
Phone:

- ☐ Where available, obtain utility diagrams for the facility.
- ☐ Review locations of sanitary and storm sewers, electrical conduits, water supply lines, natural gas lines, and fuel tanks and lines.
- ☐ Review proposed locations of intrusive work with facility personnel knowledgeable of locations of utilities. Check locations against information from utility mark-out service.
- ☐ Where necessary (e.g., uncertainty about utility locations), excavation or drilling of the upper depth interval should be performed manually
- ☐ Monitor for signs of utilities during advancement of intrusive work (e.g., sudden change n advancement of auger or split spoon).
- ☐ When the client or other onsite party is responsible for determining the presence and locations of buried utilities, the DSC should confirm that arrangement.

SCHN00328457

2.2.6 Heat Stress

(Reference CH2M HILL SOP HS-09, *Heat and Cold Stress*)

- ☐ Drink 16 ounces of water before beginning work. Disposable cups and water maintained at 50°F to 60°F should be available. Under severe conditions, drink 1 to 2 cups every 20 minutes, for a total of 1 to 2 gallons per day. Do not use alcohol in place of water or other nonalcoholic fluids. Decrease your intake of coffee and caffeinated soft drinks during working hours.
- ☐ Acclimate yourself by slowly increasing workloads (e.g., do not begin with extremely demanding activities).
- ☐ Use cooling devices, such as cooling vests, to aid natural body ventilation. These devices add weight, so their use should be balanced against efficiency.
- ☐ Use mobile showers or hose-down facilities to reduce body temperature and cool protective clothing.
- ☐ Conduct field activities in the early morning or evening and rotate shifts of workers, if possible.
- ☐ Avoid direct sun whenever possible, which can decrease physical efficiency and increase the probability of heat stress. Take regular breaks in a cool, shaded area. Use a wide-brim hat or an umbrella when working under direct sun for extended periods.
- ☐ Provide adequate shelter/shade to protect personnel against radiant heat (sun, flames, hot metal).
- ☐ Maintain good hygiene standards by frequently changing clothing and showering.
- ☐ Observe one another for signs of heat stress. Persons who experience signs of heat syncope, heat rash, or heat cramps should consult the SSC/DSC to avoid progression of heat-related illness.

SYMPTOMS AND TREATMENT OF HEAT STRESS					
	Heat Syncope	Heat Rash	Heat Cramps	Heat Exhaustion	Heat Stroke
Signs and Symptoms	Sluggishness or fainting while standing erect or immobile in heat.	Profuse tiny raised red blister-like vesicles on affected areas, along with prickling sensations during heat exposure.	Painful spasms in muscles used during work (arms, legs, or abdomen); onset during or after work hours.	Fatigue, nausea, headache, giddiness; skin clammy and moist; complexion pale, muddy, or flushed; may faint on standing; rapid pulse and low blood pressure; oral temperature normal or low	Red, hot, dry skin; dizziness; confusion; rapid breathing and pulse; high oral temperature.
Treatment	Remove to cooler area. Rest lying down. Increase fluid intake. Recovery usually is prompt and complete.	Use mild drying lotions and powders, and keep skin clean for drying skin and preventing infection.	Remove to cooler area. Rest lying down. Increase fluid intake.	Remove to cooler area. Rest lying down, with head in low position. Administer fluids by mouth. Seek medical attention.	Cool rapidly by soaking in cool– but not cold– water. Call ambulance, and get medical attention immediately!

Monitoring Heat Stress

These procedures should be considered when the ambient air temperature exceeds 70°F, the relative humidity is high (>50 percent), or when workers exhibit symptoms of heat stress.
The heart rate (HR) should be measured by the radial pulse for 30 seconds, as early as possible in the resting period. The HR at the beginning of the rest period should not exceed 100 beats/minute, or 20 beats/minute above resting pulse. If the HR is higher, the next work period should be shortened by 33 percent, while the length of the rest period stays the same. If the pulse rate still exceeds 100 beats/minute at the beginning of the next rest period, the work cycle should be further shortened by 33 percent. The procedure is continued until the rate is maintained below 100 beats/minute, or 20 beats/minute above resting pulse.

2.2.7 Confined Space Entry

(Reference CH2M HILL SOP HS-17, *Confined Space Entry*)

SCHN00328458

No confined space entry will be permitted. Confined space entry requires additional health and safety procedures, training, and a permit. If conditions change such that confined-space entry is necessary, contact the HSM to develop the required entry permit.
When planned activities will not include confined-space entry, permit-required confined spaces accessible to CH2M HILL personnel are to be identified before the task begins. The SSC is to confirm that permit spaces are properly posted or that employees are informed of their locations and hazards.

2.3 Biological Hazards and Controls

2.3.1 Snakes

Snakes typically are found in underbrush and tall grassy areas. If you encounter a snake, stay calm and look around; there may be other snakes. Turn around and walk away on the same path you used to approach the area. If a person is bitten by a snake, wash and immobilize the injured area, keeping it lower than the heart if possible. Seek medical attention immediately. **DO NOT** apply ice, cut the wound, or apply a tourniquet. Try to identify the type of snake: note color, size, patterns, and markings.

2.3.2 Poison Ivy and Poison Sumac

Poison ivy, poison oak, and poison sumac typically are found in brush or wooded areas. They are more commonly found in moist areas or along the edges of wooded areas. Become familiar with the identity of these plants. Wear protective clothing that covers exposed skin and clothes. Avoid contact with plants and the outside of protective clothing. If skin contacts a plant, wash the area with soap and water immediately. If the reaction is severe or worsens, seek medical attention.

2.3.3 Ticks

Ticks typically are in wooded areas, bushes, tall grass, and brush. Ticks are black, black and red, or brown and can be up to one-quarter inch in size. Wear tightly woven light-colored clothing with long sleeves and pant legs tucked into boots; spray **only outside** of clothing with permethrin or permanone and spray skin with only DEET; and check yourself frequently for ticks.

If bitten by a tick, grasp it at the point of attachment and carefully remove it. After removing the tick, wash your hands and disinfect and press the bite areas. Save the removed tick. Report the bite to human resources. Look for symptoms of Lyme disease or Rocky Mountain spotted fever (RMSF). Lyme: a rash might appear that looks like a bullseye with a small welt in the center. RMSF: a rash of red spots under the skin 3 to 10 days after the tick bite. In both cases, chills, fever, headache, fatigue, stiff neck, and bone pain may develop. If symptoms appear, seek medical attention.

2.3.4 Bees and Other Stinging Insects

Bee and other stinging insects may be encountered almost anywhere and may present a serious hazard, particularly to people who are allergic. Watch for and avoid nests. Keep exposed skin to a minimum. Carry a kit if you have had allergic reactions in the past, and inform the SSC and/or buddy. If a stinger is present, remove it carefully with tweezers. Wash and disinfect the wound, cover it, and apply ice. Watch for allergic reaction; seek medical attention if a reaction develops.

2.3.5 Bloodborne Pathogens

(Reference CH2M HILL SOP HS-36, *Bloodborne Pathogens*)

Exposure to bloodborne pathogens may occur when rendering first aid or CPR, or when coming into contact with landfill waste or waste streams containing potentially infectious material. Exposure controls and personal protective equipment (PPE) are required as specified in CH2M HILL SOP HS-36, *Bloodborne Pathogens*. Hepatitis B vaccination must be offered before the person participates in a task where exposure is a possibility.

SCHN00328459

2.3.6 Hanta Virus

The hanta virus is sometimes transmitted by deer mice, and causes respiratory distress, sometimes with fatal consequences. Transmission of the hanta virus occurs with exposure to deer mouse droppings. The virus can be inhaled in the dust from areas where mice have nested or left their droppings. Avoid these areas whenever possible. Good hygiene practices such as washing hands and face prior to eating and drinking will help to minimize the potential for exposure to the hanta virus. If work must be done in areas with potential exposure spray the area with disinfectant and let sit for one hour before disturbing the area. Use Level C protection with high efficiency particulate air filters (HEPA) cartridges and work practices which minimize generation of dust and aerosols. Thoroughly wash hands and face after removing personal protective equipment (PPE).

2.4 Radiological Hazards and Controls

Refer to CH2M HILL's *Corporate Health and Safety Program, Program and Training Manual,* and *Corporate Health and Safety Program, Radiation Protection Program Manual,* for standards of practice in contaminated areas.

Hazards	Controls
None Known	None Required

SCHN00328460

2.5 Contaminants of Concern

(Refer to Project Files for more detailed contaminant information)

Contaminant	Location and Maximum[a] Concentration (ppm)	Exposure Limit[b]	IDLH[c]	Symptoms and Effects of Exposure	PIP[d] (eV)
Chloroform	GW:0.0018 SB:	2 ppm	500 Ca	Dizziness, mental dullness, nausea, confusion, disorientation, headache, fatigue, eye and skin irritation, anesthesia, enlarged liver	11.42
Total Petroleum Hydrocarbons (Diesel Range)	GW: SB:603	NL	NL	Eye, nose, skin, and respiratory irritation; headache; nausea; dermatitis; fatigue	
1,2-Dichloroethene	GW: 0.964 SB: 21.1	200 ppm	1,000	CNS depression, skin and eye irritation	9.65
PCBs (Limits as Aroclor 1254)	GW: SB: 6160	0.5 mg/m^3	5 Ca	Eye and skin irritation, acne-form dermatitis, liver damage, reproductive effects	UK
Tetrachloroethylene (PCE)	GW: 9.8 SB: 726	25 ppm	150 Ca	Eye, nose, and throat irritation; nausea; flushed face and neck; vertigo; dizziness; sleepiness; skin redness; headache; liver damage	9.32
1,1,2-Trichloroethane	GW .0011 SB:	10 ppm	100 Ca	Eye and nose irritation, CNS depression, liver damage, dermatitis	11.00
Trichloroethylene (TCE)	GW: 1.21 SB: 25.2 SS:	50 ppm	1,000 Ca	Headache, vertigo, visual disturbance, eye and skin irritation, fatigue, giddiness, tremors, sleepiness, nausea, vomiting, dermatitis, cardiac arrhythmia, paresthesia, liver injury	9.45
Vinyl Chloride	GW: 0.0074 SB:	1 ppm	NL Ca	Weakness, abdominal pain, gastrointestinal bleeding, enlarged liver, pallor or cyanosis of extremities	9.99
Vinylidene Chloride (1,1-dichloroethylene)	GW: 0.0033 SB:	1 ppm	NL Ca	Eye, skin, and throat irritation; dizziness; headache; nausea; difficult breathing; liver and kidney dysfunction; pneumonitis	10.0

Footnotes:

[a] Specify sample-designation and media: SB (Soil Boring), A (Air), D (Drums), GW (Groundwater), L (Lagoon), TK (Tank), S (Surface Soil), SL (Sludge), SW (Surface Water).

[b] Appropriate value of PEL, REL, or TLV listed.

[c] IDLH = immediately dangerous to life and health (units are the same as specified "Exposure Limit" units for that contaminant); NL = No limit found in reference materials; CA = Potential occupational carcinogen.

[d] PIP = photoionization potential; NA = Not applicable; UK = Unknown.

2.6 Potential Routes of Exposure

Dermal: Contact with contaminated media. This route of exposure is minimized through proper use of PPE, as specified in Section 4.	**Inhalation:** Vapors and contaminated particulates. This route of exposure is minimized through proper respiratory protection and monitoring, as specified in Sections 4 and 5, respectively.	**Other:** Inadvertent ingestion of contaminated media. This route should not present a concern if good hygiene practices are followed (e.g., wash hands and face before drinking or smoking).

SCHN00328461

3 Project Organization and Personnel

3.1 CH2M HILL Employee Medical Surveillance and Training

(Reference CH2M HILL SOPs HS-01, *Medical Surveillance*, and HS-02, *Health and Safety Training)*

The employees listed below are enrolled in the CH2M HILL Comprehensive Health and Safety Program and meet state and federal hazardous waste operations requirements for 40-hour initial training, 3-day on-the-job experience, and 8-hour annual refresher training. Employees designated "SSC" have completed a 12-hour site safety coordinator course, and have documented requisite field experience. An SSC with a level designation (D, C, B) equal to or greater than the level of protection being used must be present during all tasks performed in exclusion or decontamination zones. Employees designated "FA-CPR" are currently certified by the American Red Cross, or equivalent, in first aid and CPR. At least one FA-CPR designated employee must be present during all tasks performed in exclusion or decontamination zones. The employees listed below are currently active in a medical surveillance program that meets state and federal regulatory requirements for hazardous waste operations. Certain tasks (e.g., confined-space entry) and contaminants (e.g., lead) may require additional training and medical monitoring.

Pregnant employees are to be informed of and are to follow the procedures in CH2M HILL's SOP HS-04, *Reproduction Protection*, including obtaining a physician's statement of the employee's ability to perform hazardous activities before being assigned fieldwork.

Employee Name	Office	Responsibility	SSC/FA-CPR
Patrick Heins	PDX	Field Team Leader, SC-HW	SC-HW; FA-CPR

3.2 Field Team Chain of Command and Communication Procedures

3.2.1 Client

Contact Name: Carol Grant
Phone: 503/382-2301

3.2.2 CH2M HILL

Project Manager: Ken Shump/PDX
Health and Safety Manager: John Culley/SEA
Field Team Leader: Patrick Heins/PDX
Site Safety Coordinator: Patrick Heins/PDX
The SSC is responsible for contacting the Field Team Leader and Project Manager. In general, the Project Manager will contact the client. The Health and Safety Manager should be contacted as appropriate.

SCHN00328462

3.2.3 CH2M HILL Subcontractors

(Reference CH2M HILL SOP HS-55, *Subcontractor, Contractor, and Owner*)

Subcontractor: TBD
Subcontractor Contact Name:
Telephone:
Subcontractor Task(s): Direct-push sampling

The subcontractors listed above are covered by this HSP and must be provided a copy of this plan. However, this plan does not address hazards associated with the tasks and equipment that the subcontractor has expertise in (e.g., drilling, excavation work, electrical). Subcontractors are responsible for the health and safety procedures specific to their work, and are required to submit these procedures to CH2M HILL for review before the start of field work. Subcontractors must comply with the established health and safety plan(s). The CH2M HILL SSC should verify that subcontractor employee training, medical clearance, and fit test records are current and must monitor and enforce compliance with the established plan(s). CH2M HILL's oversight does not relieve subcontractors of their responsibility for effective implementation and compliance with the established plan(s).

CH2M HILL should continuously endeavor to observe subcontractors' safety performance. This endeavor should be reasonable, and include observing for hazards or unsafe practices that are both readily observable and occur in common work areas. CH2M HILL is not responsible for exhaustive observation for hazards and unsafe practices. In addition to this level of observation, the SSC is responsible for confirming CH2M HILL subcontractor performance against both the subcontractor's safety plan and applicable self-assessment checklists. Self-assessment checklists contained in Attachment 6 are to be used by the SSC to review subcontractor performance.

Health and safety related communications with CH2M HILL subcontractors should be conducted as follows:

- ☐ Brief subcontractors on the provisions of this plan, and require them to sign the Employee Signoff Form included in Attachment 1.
- ☐ Request subcontractor(s) to brief the project team on the hazards and precautions related to their work.
- ☐ When apparent non-compliance/unsafe conditions or practices are observed, notify the subcontractor safety representative and require corrective action – the subcontractor is responsible for determining and implementing necessary controls and corrective actions.
- ☐ When repeat non-compliance/unsafe conditions are observed, notify the subcontractor safety representative and stop affected work until adequate corrective measures are implemented.
- ☐ When an apparent imminent danger exists, immediately remove all affected CH2M HILL employees and subcontractors, notify subcontractor safety representative, and stop affected work until adequate corrective measures are implemented. Notify the Project Manager and HSM as appropriate.
- ☐ Document all oral health and safety related communications in project field logbook, daily reports, or other records.

3.2.4 Contractors

(Reference CH2M HILL SOP HS-55, *Subcontractor, Contractor, and Owner*)

Contractor: None

SCHN00328463

4 Personal Protective Equipment (PPE)

(Reference CH2M HILL SOP HS-07, *Personal Protective Equipment*, HS-08, *Respiratory Protection*)

PPE Specifications [a]

Task	Level	Body	Head	Respirator [b]
General site entry	D	Work clothes; steel-toe, leather work boots; work glove.	Hardhat [c] Safety glasses Ear protection [d]	None required
Surface water sampling Aquifer testing Sediment sampling Surface soil sampling Hand augering Geoprobe boring	Modified D	Work clothes or cotton coveralls **Boots:** Steel-toe, chemical-resistant boots OR steel-toe, leather work boots with outer rubber boot covers **Gloves:** Inner surgical-style nitrile & outer chemical-resistant nitrile gloves.	Hardhat [c] Safety glasses Ear protection [d]	None required
Groundwater sampling Soil boring Investigation-derived waste (drum) sampling and disposal	Modified D	**Coveralls:** Uncoated Tyvek□ **Boots:** Steel-toe, chemical-resistant boots OR steel-toe, leather work boots with outer rubber boot covers **Gloves:** Inner surgical-style nitrile & outer chemical-resistant nitrile gloves.	Hardhat [c] Splash shield [c] Safety glasses Ear protection [d]	None required.
Tasks requiring upgrade	C	**Coveralls:** Polycoated Tyvek□ **Boots:** Steel-toe, chemical-resistant boots OR steel-toe, leather work boots with outer rubber boot covers **Gloves:** Inner surgical-style nitrile & outer chemical-resistant nitrile gloves.	Hardhat [c] Splash shield [c] Ear protection [d] Spectacle inserts	APR, full face, MSA Ultratwin or equivalent; with GME-H cartridges or equivalent[e].
Tasks requiring upgrade	B	**Coveralls:** Polycoated Tyvek□ **Boots:** Steel-toe, chemical-resistant boots OR steel-toe, leather work boots with outer rubber boot covers **Gloves:** Inner surgical-style nitrile & outer chemical-resistant nitrile gloves.	Hardhat [c] Splash shield [c] Ear protection [d] Spectacle inserts	Positive-pressure demand self-contained breathing apparatus (SCBA); MSA Ultralite, or equivalent.

Reasons for Upgrading or Downgrading Level of Protection

Upgrade[f]	Downgrade
□ Request from individual performing tasks. □ Change in work tasks that will increase contact or potential contact with hazardous materials. □ Occurrence or likely occurrence of gas or vapor emission. □ Known or suspected presence of dermal hazards. □ Instrument action levels (Section 5) exceeded.	□ New information indicating that situation is less hazardous than originally thought. □ Change in site conditions that decreases the hazard. □ Change in work task that will reduce contact with hazardous materials.

[a] Modifications are as indicated. CH2M HILL will provide PPE only to CH2M HILL employees.

[b] No facial hair that would interfere with respirator fit is permitted.

[c] Hardhat and splash-shield areas are to be determined by the SSC.

[d] Ear protection should be worn when conversations cannot be held at distances of 3 feet or less without shouting.

[e] Cartridge change-out schedule is at least every 8 hours (or one work day), except if relative humidity is > 85%, or if organic vapor measurements are > midpoint of Level C range (refer to Section 5)--then at least every 4 hours. If encountered conditions are different than those anticipated in this HSP, contact the HSM.

[f] Performing a task that requires an upgrade to a higher level of protection (e.g., Level D to Level C) is permitted only when the PPE requirements have been approved by the HSM, and an SSC qualified at that level is present.

SCHN00328464

5 Air Monitoring/Sampling

(Reference CH2M HILL SOP HS-06, *Air Monitoring)*

5.1 Air Monitoring Specifications

Instrument	Tasks	Action Levels[a]		Frequency[b]	Calibration
FID: OVA model 128 or equivalent or **PID:** OVM with 10.6eV lamp or equivalent	Soil Sampling	0 – 5 ppm 5 – 50 ppm > 50 ppm	Level D Level C Level B	Initially and periodically during task	Daily

[a] Action levels apply to sustained breathing-zone measurements above background.

[b] The exact frequency of monitoring depends on field conditions and is to be determined by the SSC; generally, every 5 to 15 minutes if acceptable; more frequently may be appropriate. Monitoring results should be recorded. Documentation should include instrument and calibration information, time, measurement results, personnel monitored, and place/location where measurement is taken (e.g., "Breathing Zone/MW-3", "at surface/SB-2", etc.).

[c] If the measured percent of O_2 is less than 10, an accurate LEL reading will not be obtained. Percent LEL and percent O_2 action levels apply only to ambient working atmospheres, and not to confined-space entry. More-stringent percent LEL and O_2 action levels are required for confined-space entry (refer to Section 2).

[d] Refer to SOP HS-10 for instructions and documentation on radiation monitoring and screening.

[e] Noise monitoring and audiometric testing also required.

5.2 Calibration Specifications

(Refer to the respective manufacturer's instructions for proper instrument-maintenance procedures)

Instrument	Gas	Span	Reading	Method
PID: OVM, 10.6 or 11.8 eV bulb	100 ppm isobutylene	RF = 1.0	100 ppm	1.5 lpm reg T-tubing
PID: MiniRAE, 10.6 eV bulb	100 ppm isobutylene	CF = 100	100 ppm	1.5 lpm reg T-tubing
PID: TVA 1000	100 ppm isobutylene	CF = 1.0	100 ppm	1.5 lpm reg T-tubing
FID: OVA	100 ppm methane	3.0 ± 1.5	100 ppm	1.5 lpm reg T-tubing
FID: TVA 1000	100 ppm methane	NA	100 ppm	2.5 lpm reg T-tubing

5.3 Air Sampling

None Required.

SCHN00328465

6 Decontamination

(Reference CH2M HILL SOP HS-13, *Decontamination*)

The SSC must establish and monitor the decontamination procedures and their effectiveness. Decontamination procedures found to be ineffective will be modified by the SSC. The SSC must ensure that procedures are established for disposing of materials generated on the site.

6.1 Decontamination Specifications

Personnel

- ☐ Boot wash/rinse
- ☐ Glove wash/rinse
- ☐ Outer-glove removal
- ☐ Body-suit removal
- ☐ Inner-glove removal
- ☐ Respirator removal
- ☐ Hand wash/rinse
- ☐ Face wash/rinse
- ☐ Shower ASAP
- ☐ Dispose of PPE in municipal trash, or contain for disposal
- ☐ Dispose of personnel rinse water to facility or sanitary sewer, or contain for offsite disposal

Sample Equipment

- ☐ Wash/rinse equipment
- ☐ Solvent-rinse equipment
- ☐ Contain solvent waste for offsite disposal

Heavy Equipment

- ☐ Power wash
- ☐ Steam clean
- ☐ Dispose of equipment rinse water to facility or sanitary sewer, or contain for offsite disposal

6.2 Diagram of Personnel-Decontamination Line

No eating, drinking, or smoking is permitted in contaminated areas and in exclusion or decontamination zones. The SSC should establish areas for eating, drinking, and smoking. Contact lenses are not permitted in exclusion or decontamination zones.

Figure 6-1 illustrates a conceptual establishment of work zones, including the decontamination line. Work zones are to be modified by the SSC to accommodate task-specific requirements.

7 Spill-Containment Procedures

Sorbent material will be maintained in the support zone. Incidental spills will be contained with sorbent and disposed of properly.

SCHN00328466

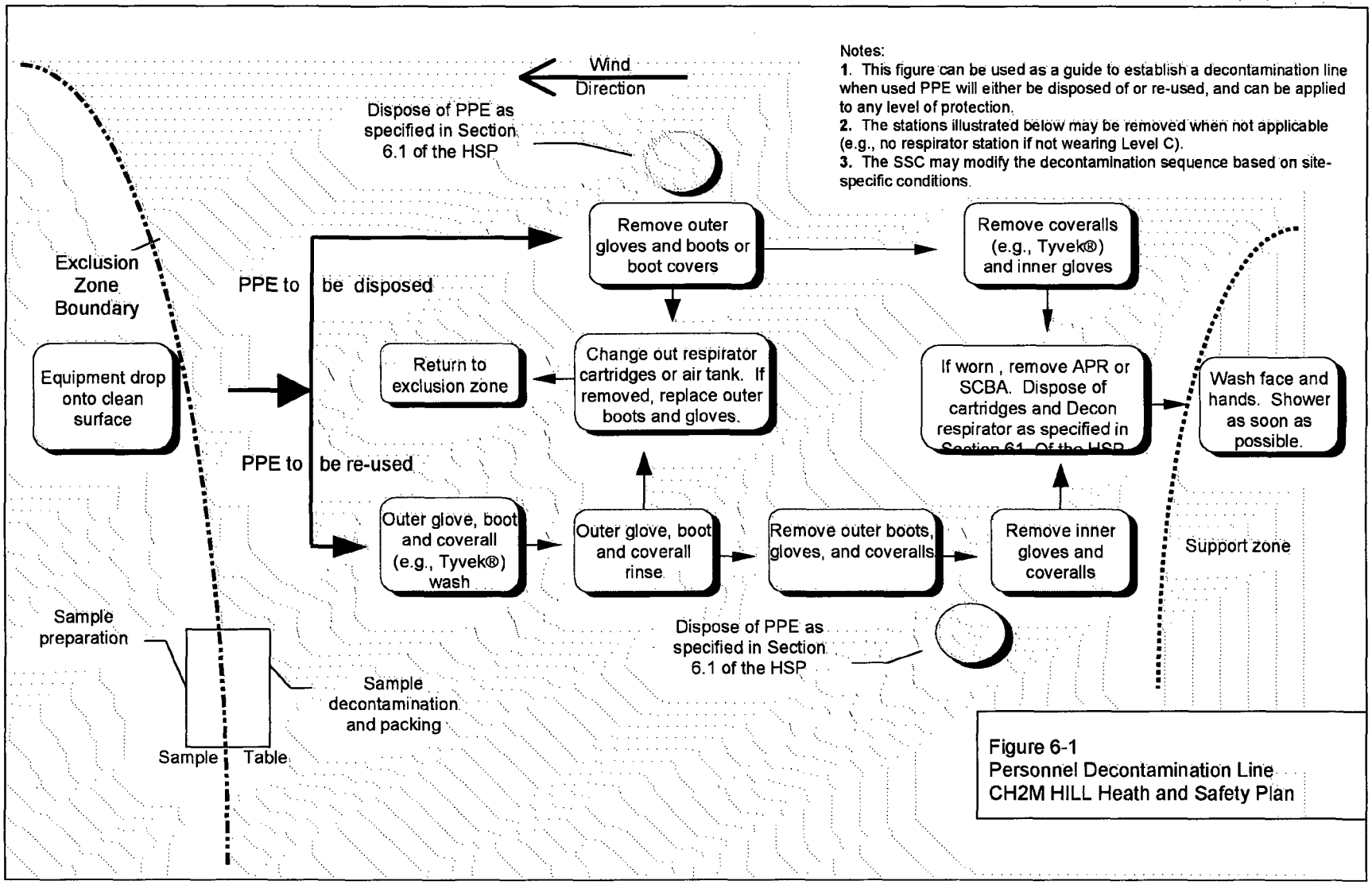


Figure 6-1
Personnel Decontamination Line
CH2M HILL Heath and Safety Plan

SCHN00328467

8 Site-Control Plan

8.1 Site-Control Procedures

(Reference CH2M HILL SOP HS-11, *Site Control)*

- ☐ The SSC will conduct a site safety briefing (see below) before starting field activities or as tasks and site conditions change.
- ☐ Topics for briefing on site safety: general discussion of Health and Safety Plan, site-specific hazards, locations of work zones, PPE requirements, equipment, special procedures, emergencies.
- ☐ The SSC records attendance at safety briefings in a logbook and documents the topics discussed.
- ☐ Post the OSHA job-site poster in a central and conspicuous location in accordance with CH2M HILL SOP HS-71, *OSHA Postings*.
- ☐ Establish support, decontamination, and exclusion zones. Delineate with flags or cones as appropriate. Support zone should be upwind of the site. Use access control at entry and exit from each work zone.
- ☐ Establish onsite communication consisting of the following:
  - ☐ Line-of-sight and hand signals
  - ☐ Air horn
  - ☐ Two-way radio or cellular telephone if available
- ☐ Establish offsite communication.
- ☐ Establish and maintain the "buddy system."
- ☐ Initial air monitoring is conducted by the SSC in appropriate level of protection.
- ☐ The SCC is to conduct periodic inspections of work practices to determine the effectiveness of this plan – refer to Sections 2 and 3. Deficiencies are to be noted, reported to the HSM, and corrected.

8.2 Hazwoper Compliance Plan

(Reference CH2M HILL SOP HS-19, *Site-Specific Written Safety Plans)*

Certain parts of the site work are covered by state or federal Hazwoper standards and therefore require training and medical monitoring. Anticipated Hazwoper tasks (Section 1.1.1) might occur consecutively or concurrently with respect to non-Hazwoper tasks. This section outlines procedures to be followed when approved activities specified in Section 1.1.2 do not require 24- or 40-hour training. Non-Hazwoper-trained personnel also must be trained in accordance with all other state and federal OSHA requirements.

- ☐ In many cases, air sampling, in addition to real-time monitoring, must confirm that there is no exposure to gases or vapors before non-Hazwoper-trained personnel are allowed on the site, or while non-Hazwoper-trained staff are working in proximity to Hazwoper activities. Other data (e.g., soil) also must document that there is no potential for exposure. The HSM must approve the interpretation of these data. Refer to subsections 2.5 and 5.3 for contaminant data and air sampling requirements, respectively.
- ☐ When non-Hazwoper-trained personnel are at risk of exposure, the SSC must post the exclusion zone and inform non-Hazwoper-trained personnel of the:
  - ☐ nature of the existing contamination and its locations
  - ☐ limitations of their access
  - ☐ emergency action plan for the site
- ☐ Periodic air monitoring with direct-reading instruments conducted during regulated tasks also should be used to ensure that non-Hazwoper-trained personnel (e.g., in an adjacent area) are not exposed to airborne contaminants.
- ☐ When exposure is possible, non-Hazwoper-trained personnel must be removed from the site until it can be demonstrated that there is no longer a potential for exposure to health and safety hazards.
- ☐ Remediation treatment system start-ups: Once a treatment system begins to pump and treat contaminated media, the site is, for the purposes of applying the Hazwoper standard, considered a treatment, storage, and disposal facility (TSDF). Therefore, once the system begins operation, only Hazwoper-trained personnel (minimum of 24 hour of training) will be permitted to enter the site. All non-Hazwoper-trained personnel must not enter the TSDF area of the site.

SCHN00328468

9 Emergency Response Plan

(Reference CH2M HILL, SOP HS-12, *Emergency Response*)

9.1 Pre-Emergency Planning

The SSC performs the applicable pre-emergency planning tasks before starting field activities and coordinates emergency response with CH2M HILL onsite parties, the facility, and local emergency-service providers as appropriate.

- ☐ Review the facility emergency and contingency plans where applicable.
- ☐ Determine what onsite communication equipment is available (e.g., two-way radio, air horn).
- ☐ Determine what offsite communication equipment is needed (e.g., nearest telephone, cell phone).
- ☐ Confirm and post emergency telephone numbers, evacuation routes, assembly areas, and route to hospital; communicate the information to onsite personnel.
- ☐ Field Trailers: Post "Exit" signs above exit doors, and post "Fire Extinguisher" signs above locations of extinguishers. Keep areas near exits and extinguishers clear.
- ☐ Review changed site conditions, onsite operations, and personnel availability in relation to emergency response procedures.
- ☐ Where appropriate and acceptable to the client, inform emergency room and ambulance and emergency response teams of anticipated types of site emergencies.
- ☐ Designate one vehicle as the emergency vehicle; place hospital directions and map inside; keep keys in ignition during field activities.
- ☐ Inventory and check site emergency equipment, supplies, and potable water.
- ☐ Communicate emergency procedures for personnel injury, exposures, fires, explosions, and releases.
- ☐ Rehearse the emergency response plan before site activities begin, including driving route to hospital.
- ☐ Brief new workers on the emergency response plan.

The SSC will evaluate emergency response actions and initiate appropriate follow-up actions.

9.2 Emergency Equipment and Supplies

The SSC should mark the locations of emergency equipment on the site map and post the map.

Emergency Equipment and Supplies	Location
20 LB (or two 10-lb) fire extinguisher (A, B, and C classes)	Support Zone/Heavy Equipment
First aid kit	Support Zone/Field Vehicle
Eye Wash	Support & Decon Zone/Field Vehicle
Potable water	Support & Decon Zone/Field Vehicle
Bloodborne-pathogen kit	Support Zone/Field Vehicle
Additional equipment (specify):	

9.3 Incident Response

In fires, explosions, or chemical releases, actions to be taken include the following:

- ☐ Shut down CH2M HILL operations and evacuate the immediate work area.
- ☐ Notify appropriate response personnel.
- ☐ Account for personnel at the designated assembly area(s).
- ☐ Assess the need for site evacuation, and evacuate the site as warranted.

Instead of implementing a work-area evacuation, note that small fires or spills posing minimal safety or health hazards may be controlled.

9.4 Emergency Medical Treatment

The procedures listed below may also be applied to non-emergency incidents. Injuries and illnesses (including overexposure to contaminants) must be reported to Human Resources. If there is doubt about whether medical treatment is necessary, or if the injured person is reluctant to accept medical treatment, contact the CH2M HILL medical consultant. During non-emergencies, follow these procedures as appropriate.

SCHN00328469

- ☐ Notify appropriate emergency response authorities listed in Section 9.8 (e.g., 911).
- ☐ The SCC will assume charge during a medical emergency until the ambulance arrives or until the injured person is admitted to the emergency room.
- ☐ Prevent further injury.
- ☐ Initiate first aid and CPR where feasible.
- ☐ Get medical attention immediately.
- ☐ Perform decontamination where feasible; lifesaving and first aid or medical treatment take priority.
- ☐ Make certain that the injured person is accompanied to the emergency room.
- ☐ When contacting the medical consultant, state that the situation is a CH2M HILL matter, and give your name and telephone number, the name of the injured person, the extent of the injury or exposure, and the name and location of the medical facility where the injured person was taken.
- ☐ Report incident as outlined in Section 9.7.

9.5 Evacuation

- ☐ Evacuation routes and assembly areas (and alternative routes and assembly areas) are specified on the site map.
- ☐ Evacuation route(s) and assembly area(s) will be designated by the SSC before work begins.
- ☐ Personnel will assemble at the assembly area(s) upon hearing the emergency signal for evacuation.
- ☐ The SSC and a "buddy" will remain on the site after the site has been evacuated (if safe) to assist local responders and advise them of the nature and location of the incident.
- ☐ The SSC will account for all personnel in the onsite assembly area.
- ☐ A designated person will account for personnel at alternate assembly area(s).
- ☐ The SSC will write up the incident as soon as possible after it occurs and submit a report to the Corporate Director of Health and Safety.

9.6 Evacuation Signals

Signal	Meaning
Grasping throat with hand	Emergency-help me.
Thumbs up	OK; understood.
Grasping buddy's wrist	Leave area now.
Continuous sounding of horn	Emergency; leave site now.

9.7 Incident Notification and Reporting

- ☐ Upon any project incident (fire, spill, injury, near miss, death, etc.), immediately notify the PM and HSM. Call emergency beeper number if HSM is unavailable.
- ☐ For CH2M HILL work-related injuries or illnesses, contact and help Human Resources administrator complete an Incident Report Form (IRF). IRF must be completed within 24 hours of incident.
- ☐ For CH2M HILL subcontractor incidents, complete the Subcontractor Accident/Illness Report Form and submit to the HSM.
- ☐ Notify and submit reports to client as required in contract.

SCHN00328470

10 Approval

This site-specific Health and Safety Plan has been written for use by CH2M HILL only. CH2M HILL claims no responsibility for its use by others unless that use has been specified and defined in project or contract documents. The plan is written for the specific site conditions, purposes, dates, and personnel specified and must be amended if those conditions change.

10.1 Original Plan

Written By: Patrick Heins/PDX **Date:** September 2001

Approved By: **Date: September 4, 2001**

10.2 Revisions

Revisions Made By: Jim Bushnell **Date:** June 25, 2002

Revisions to Plan: Converted FSI to H&S plan due to the presence of unanticipated contamination.

Revisions Approved By: Jim Bushnell **Date:** June 25, 2002

11 Attachments

Attachment 1: **Employee Signoff Form – Field Safety Instructions**
Attachment 2: **Project-Specific Chemical Product Hazard Communication Form**
Attachment 3: **Chemical-Specific Training Form**
Attachment 4: **Emergency Contacts**
Attachment 5: **Project H&S Forms/Permits**
Attachment 6: **Project Activity Self-Assessment Checklists**
Attachment 7: **Applicable Material Safety Data Sheets**

SCHN00328471

CH2MHILL

EMPLOYEE SIGNOFF FORM

Health and Safety Plan

☐ The CH2M HILL project employees and subcontractors listed below have been provided with a copy of this HSP, have read and understood it, and agree to abide by its provisions.

Project Name: North Portland plant **Project Number:** 161844.a0.zz

EMPLOYEE NAME (Please print)	EMPLOYEE SIGNATURE	COMPANY	DATE

SCHN00328472

CH2MHILL

Project-Specific Chemical Product Hazard Communication Form

This form must be completed prior to performing activities that expose personnel to hazardous chemicals products. Upon completion of this form, the SSC shall verify that training is provided on the hazards associated with these chemicals and the control measures to be used to prevent exposure to CH2M HILL and subcontractor personnel. Labeling and MSDS systems will also be explained.

Project Name: North Portland plant **Project Number:** 161844.a0.zz

MSDSs will be maintained at the following location(s):

Hazardous Chemical Products Inventory

Chemical	Quantity	Location	MSDS Available	Container labels	
				Identity	Hazard
Methane	1 liter, compressed	Support Zone			
Isobutylene	1 liter, compressed	Support Zone			
Pentane	1 liter, compressed	Support Zone			
Hydrochloric acid	< 500 ml	Support Zone / sample bottles			
Nitric acid	< 500 ml	Support Zone / sample bottles			
Sulfuric Acid	< 500 ml	Support Zone / sample bottles			
Sodium hydroxide	< 500 ml	Support Zone / sample bottles			
Methanol	< 1 Gallon	Support/Decon Zones			
Hexane	< 1 Gallon	Support/Decon Zones			
pH buffers	< 500 ml	Support Zone			
MSA Sanitizer	< 1 liter	Support/Decon Zones			
Alconox/Liquinox	< 1liter	Support/Decon Zones			

Refer to SOP HS-05 *Hazard Communication* for more detailed information.

SCHN00328473

CH2MHILL

CHEMICAL-SPECIFIC TRAINING FORM

Location:	Project # : 161844.a0.zz
HCC:	Trainer:

TRAINING PARTICIPANTS:

NAME	SIGNATURE	NAME	SIGNATURE

REGULATED PRODUCTS/TASKS COVERED BY THIS TRAINING:

The HCC shall use the product MSDS to provide the following information concerning each of the products listed above.

☐ Physical and health hazards

☐ Control measures that can be used to provide protection (including appropriate work practices, emergency procedures, and personal protective equipment to be used)

☐ Methods and observations used to detect the presence or release of the regulated product in the workplace (including periodic monitoring, continuous monitoring devices, visual appearance or odor of regulated product when being released, etc.)

Training participants shall have the opportunity to ask questions concerning these products and, upon completion of this training, will understand the product hazards and appropriate control measures available for their protection.

Copies of MSDSs, chemical inventories, and CH2M HILL's written hazard communication program shall be made available for employee review in the facility/project hazard communication file.

SCHN00328474

Emergency Contacts

24-hour CH2M HILL Emergency Beeper – 888/444-1226

Medical Emergency – 911 Facility Medical Response #: Local Ambulance #:	**CH2M HILL Medical Consultant** Health Resources Dr. Jerry H. Berke, M.D., M.P.H. 600 West Cummings Park, Suite 3400 Woburn, MA 01801-6350 1-781-938-4653 1-800-350-4511 (After hours calls will be returned within 20 minutes)
Fire/Spill Emergency -- 911	**Local Occupational Physician**
Security & Police – 911 Facility Security #: Local Police #:	**Corporate Director Health, Safety & Environment** Name: Dave Waite/SEA Phone: 425/453-5000 **24-hour emergency beeper: 888-444-1226**
Utilities Emergency Water: Gas: Electric:	**Regional Health & Safety Program Manager (RHSPM)** Name: Jim Bushnell/SEA Phone: 425/453-5005 ext. 5678 Cell: 206/295-1785
Safety Coordinator (SC) Name: Patrick Heins Phone: 503-784-9702	**Regional Human Resources Department** Name: Phone:
Project Manager (PM) Name: Ken Shump Phone: 503-235-5000	**Corporate Human Resources Department** Name: Pete Hannan/COR Phone: 303/771-0900
Federal Express Dangerous Goods Shipping Phone: 800/238-5355 **CH2M HILL Emergency Number for Shipping Dangerous Goods** Phone: 800/255-3924	**Worker's Compensation:** Contact Regional HR dept. to have form completed or contact Julie Zimmerman after hours: 303/664-3304 **Automobile Accidents:** Rental: Carol Dietz/COR 303/713-2757 CH2M HILL owned vehicle: Zurich Insurance Co. 800/987-3373

Contact the PM. Generally, the PM will contact relevant government agencies.

Hospital Name/Address: Legacy Emanuel Hospital & Health Center
2801 N. Gantenbein Avenue, Portland, OR
Hospital Phone #: (503) 413-2200

Directions to Hospital

Directions	Miles
1. Start out going South on N BURGARD RD towards N LOMBARD ST. by turning right.	0.3
2. N BURGARD RD becomes N LOMBARD ST.	1.5
3. Turn SLIGHT RIGHT onto N LOMBARD ST/US-30 BYP.	2.2
4. Turn RIGHT onto N CHAUTAUQUA BLVD	0.1
5. Turn LEFT onto N WILLAMETTE BLVD.	0.6
6. Stay straight to go onto N PORTLAND BLVD.	0.2
7. Turn RIGHT onto N GREELEY AVE.	2.1
8. Turn SLIGHT RIGHT onto N I-AVE.	0.1
9. Turn LEFT onto N GRAHAM ST.	0.4
10. Turn RIGHT onto N GANTENBEIN AVE.	

See maps next page

SCHN00328475

(b)(4) copyright

©2000 MapQuest.com, Inc.; ©2000 Navigation Technologies

(b)(4) copyright

Legacy Emmanuel Hospital

©2000 MapQuest.com, Inc.; ©2000 Navigation Technologies

REVISED 06/27/02

CH2M HILL HEALTH AND SAFETY PLAN

Attachment 5

Project H&S Forms and Permits

Attachment 6

Project Activity Self-Assessment Checklists

SCHN00328478

CH2MHILL

H&S Self-Assessment Checklist - DRILLING

This checklist shall be used by CH2M HILL personnel **only** and shall be completed at the frequency specified in the project's HSP/FSI.

This checklist is to be used at locations where: 1) CH2M HILL employees are potentially exposed to hazards associated with drilling operations (complete Sections 1 and 3), and/or 2) CH2M HILL oversight of a drilling subcontractor is required (complete entire checklist).

SSC/DSC may consult with drilling subcontractors when completing this checklist, but shall not direct the means and methods of drilling operations nor direct the details of corrective actions. Drilling subcontractors shall determine how to correct deficiencies and we must carefully rely on their expertise. Items considered to be imminently dangerous (possibility of serious injury or death) shall be corrected immediately or all exposed personnel shall be removed from the hazard until corrected.

Completed checklists shall be sent to the health and safety manager for review.

Project Name: _____ Project No.: _____

Location: _____ PM: _____

Auditor: _____ Title: _____ Date: _____

This specific checklist has been completed to:

☐ Evaluate CH2M HILL employee exposures to drilling hazards
☐ Evaluate a CH2M HILL subcontractor's compliance with drilling H&S requirements
Subcontractors Name: _____

☐ Check "Yes" if an assessment item is complete/correct.
☐ Check "No" if an item is incomplete/deficient. Deficiencies shall be brought to the immediate attention of the drilling subcontractor. Section 3 must be completed for all items checked "No."
☐ Check "N/A" if an item is not applicable.
☐ Check "N/O" if an item is applicable but was not observed during the assessment.
Numbers in parentheses indicate where a description of this assessment item can be found in Standard of Practice HS-35.

SECTION 1	Yes	No	N/A	N/O
PERSONNEL SAFE WORK PRACTICES (3.1)				
1. Only authorized personnel operating drill rig	☐	☐	☐	☐
2. Personnel cleared during rig startup	☐	☐	☐	☐
3. Personnel clear of rotating parts	☐	☐	☐	☐
4. Personnel not positioned under hoisted loads	☐	☐	☐	☐
5. Loose clothing and jewelry removed	☐	☐	☐	☐
6. Personnel instructed not to approach equipment that has become electrically energized	☐	☐	☐	☐
7. Smoking is prohibited around drilling operation	☐	☐	☐	☐
8. Personnel wearing appropriate PPE, per HSP/FSI	☐	☐	☐	☐

Rev.0

SCHN00328479

SECTION 2	Yes	No	N/A	N/O
GENERAL (3.2.1)				
9. Daily safety briefing/meeting conducted with crew	☐	☐	☐	☐
10. Daily inspection of drill rig and equipment conducted before use	☐	☐	☐	☐
DRILL RIG PLACEMENT (3.2.2)				
11. Location of underground utilities identified	☐	☐	☐	☐
12. Safe clearance distance maintained from overhead powerlines	☐	☐	☐	☐
13. Drilling pad established, when necessary	☐	☐	☐	☐
14. Drill rig leveled and stabilized	☐	☐	☐	☐
DRILL RIG TRAVEL (3.2.3)				
15. Rig shut down and mast lowered and secured prior to rig movement	☐	☐	☐	☐
16. Tools and equipment secured prior to rig movement	☐	☐	☐	☐
17. Only personnel seated in cab are riding on rig during movement	☐	☐	☐	☐
18. Safe clearance distance maintained while traveling under overhead powerlines	☐	☐	☐	☐
19. Backup alarm or spotter used when backing rig	☐	☐	☐	☐
DRILL RIG OPERATION (3.2.4)				
20. Kill switch clearly identified and operational	☐	☐	☐	☐
21. All machine guards are in place	☐	☐	☐	☐
22. Rig ropes not wrapped around body parts	☐	☐	☐	☐
23. Pressurized lines and hoses secured from whipping hazards	☐	☐	☐	☐
24. Drill operation stopped during inclement weather	☐	☐	☐	☐
25. Air monitoring conducted per HSP/FSI for hazardous atmospheres	☐	☐	☐	☐
26. Rig placed in neutral when operator not at controls	☐	☐	☐	☐
DRILL RIG MAINTENANCE (3.2.5)				
27. Defective components repaired immediately	☐	☐	☐	☐
28. Lockout/tagout procedures used prior to maintenance	☐	☐	☐	☐
29. Cathead in clean, sound condition	☐	☐	☐	☐
30. Drill rig ropes in clean, sound condition	☐	☐	☐	☐
31. Fall protection used for fall exposures of 6 feet or greater	☐	☐	☐	☐
32. Rig in neutral and augers stopped rotating before cleaning	☐	☐	☐	☐
33. Good housekeeping maintained on and around rig	☐	☐	☐	☐
DRILLING AT HAZARDOUS WASTE SITES (3.2.6)				
34. Waste disposed of according to HSP	☐	☐	☐	☐
35. Appropriate decontamination procedures being followed, per HSP	☐	☐	☐	☐

SECTION 3

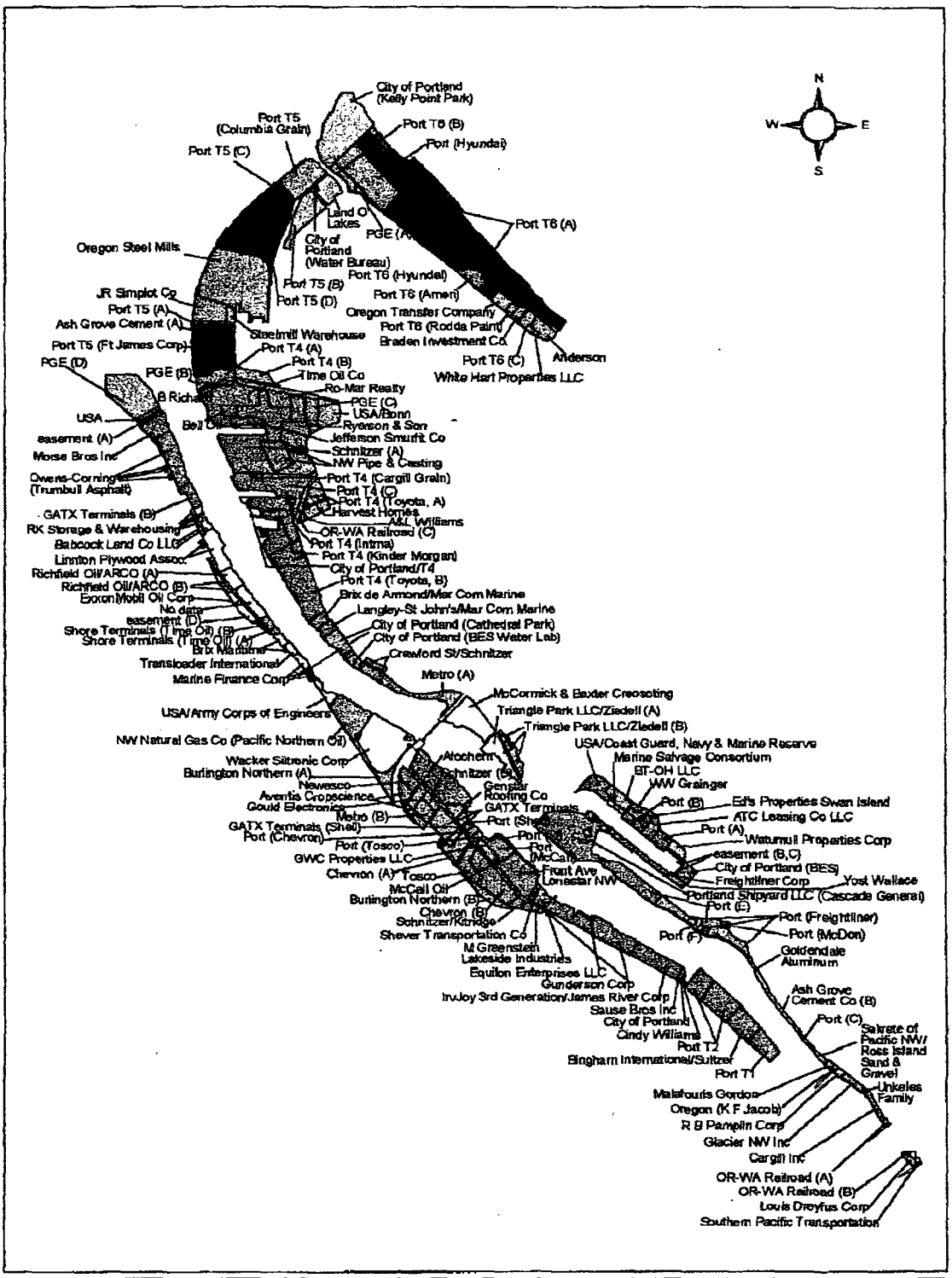
Complete this section for all items checked "No" in Sections 1 or 2. Deficient items must be corrected in a timely manner.

Item #	Corrective Action Planned/Taken	Date Corrected

CH2M HILL HEALTH AND SAFETY PLAN

Attachment 7

Applicable Material Safety Data Sheets



Constraints Evaluation for River Dependent Use — E.D. Hovee & Company

Source: RLIS, Bureau of Planning, E.D. Hovee & Company — November 2002

- No constraints (580 acres)
- 1 - 3 constraints (1,600 acres)
- 4 - 11 constraints (270 acres)
- Non-industrial zoning and/or or no barge access (670 acres)

Proposed Ranking Criteria for Aggregated River Access Taxlots for Marine Terminal Use

Criteria applied to taxlots directly fronting the river or with river access, grouped by ownership.

	Criteria	Constrained ⌖	Unconstrained ●	Notes
			THRESHOLD CRITERIA	
1.	Appropriate Zoning	Non-industrial zone.	Industrial zone (IH or IG).	
2.	Barge Access	No existing dock, and lacks mooring access with at least 20' draft within 150' of shore. Barge access extended to lots under same ownership/lease, adjacent to public ownership with barge access, or within taxlots with barge access (adjacency does not cross roads/railroads).	Existing dock or 20' + draft within 150' of shore.	
			ADDITIONAL CRITERIA	
3.	Shoreside Barge Access	No existing dock, and lacks mooring access with at least 20' draft for a length of 400' within 10' of shore.	Existing dock, or 20' + draft for a length of 400' within 10' of shore.	This criteria is a more restrictive version of the threshold barge access criteria and addresses the scenario in which new docks face substantial permitting challenges.
4.	Ship Access	No existing dock, and lacks mooring access with at least 35' draft for a length of 400' within 10' of shore.	Existing dock, or mooring access with at least 35' draft for a length of 400' within 10' of shore.	
5.	Rail Access	No rail access.	Rail spur on property.	Remains non threshold due to the reasonable percentage of ship cargo that does not leave the harbor via rail.
6.	Truck Access	Access by local streets through residential zones.	Site within truck district that has access to a regional, major or minor truck street (as designated in Transportation Element of Transportation System Plan).	This assumes that development review poses obstacles for industrial development that is not accessed via streets with these designations. Remains non threshold due to the reasonable percentage of ship cargo that does not leave the harbor via truck.
7.	Appropriate Street Conditions	Presence of steep topography and/or inadequately maintained access road.	Minimal topography, adequately maintained access road.	Evaluated through limited first hand experience; further field work necessary to comprehensively evaluate taxlots.

8.	Sufficient Lot Depth	Lot depth under 400'	Lot depth over 400'	Adjacent smaller lots under same ownership exempted.
9.	Lack of Contamination	Current or previous superfund site, high priority remedial investigation or clean-up, or high priority expanded preliminary assessment.	All other sites	Evaluated according to June 2002 DEQ Portland Harbor Upland Cleanup Site map.
10.	Compatible Neighbors	Linnton area taxlots, and lots adjacent to developed residential, commercial or mixed use commercial zone.	Outside of Linnton, and no adjacent developed residential, commercial or mixed use zoning.	Conflict over Linnton industry is receiving increasing public attention. Incompatible adjacent zoning represents pressure to convert from industrial use.
11.	Lack of Environmental Constraints	30% or more site coverage by wetlands or river natural (n) overlay zoning.	Less than 30% wetland coverage and within river industrial (i) or river general (g) zoning.	
12.	Lack of Public Easement	Existing trail (off street) at or near top of bank.	No off-street trail at or near top of bank.	
13.	Low Flood Risk	More than 10% of aggregated lot within flood plain.	<10% within flood plain.	
14.	No Building Height Limitations	Presence of height restrictions through the Scenic Overlay zone.	No Scenic Overlay zone.	

	A	B	C	D	E
1	Analytes	MRL	Risk Based MRL	CAS#	
2					Archival 8 oz
3	Conventionals				
4	Total Solids	0.01 %	*	NA	
5	Grain Size	1%	*	NA	Grain Size 2 x 16 oz jar
6	Total Organic Carbon	0.005 %	*	NA	TOC 4 oz jar
7					
8	Metals	mg/Kg dw (ppm)	mg/Kg dw (ppm)		
9	Silver - Ag	0.02	*	7782-49-2	
10	Aluminum - Al	5.0	*	7429-90-5	
11	Arsenic -As	0.10	*	7440-66-6	
12	Cadmium - Cd	0.02	*	7440-43-9	
13	Chromium - Cr	0.50	*	7440-47-3	Metals Total Solids 4 oz jar
14	Copper - Cu	0.20	*	7440-50-8	
15	Nickel - Ni	1.0	*	7440-50-8	
16	Lead - Pb	0.10	*	7439-92-1	
17	Antimony - Sb	0.20	*	7440-36-0	
18	Selenium - Se	0.20	*	7782-49-2	
19	Zinc - Zn	0.60	*	7440-66-6	
20	Mercury - Hg	0.05	*	7439-97-6	Hg 2 oz jar
21					
22	PCBs/ Aroclors	µg/Kg dw (ppb)	µg/Kg dw (ppb)		
23	Aroclor 1016	5.0	*	12674-11-2	
24	Aroclor 1221	10	*	11104-28-2	
25	Aroclor 1232	5.0	*	11141-16-5	
26	Aroclor 1242	5.0	0.004	53469-21-9	
27	Aroclor 1248	5.0	0.004	12672-29-6	
28	Aroclor 1254	5.0	0.004	11097-69-1	
29	Aroclor 1260	5.0	0.004	11096-82-5	
30					
31	CHLORINATED HERBICIDES	µg/Kg dw (ppb)	µg/Kg dw (ppb)		
32	Dalapon	43	*	75-99-0	
33	Dicamba	20	*	1918-00-9	
34	MCPA	10000	*	94-74-6	
35	Dichlorprop	10	*	120-36-5	
36	2,4-D	6.6	2.8	94-75-7	
37	2,4,5-TP (Silvex)	1.7	2.2	93-72-1	
38	2,4,5-T	1.7	2.8	93-76-5	
39	2,4-DB	45	2.2	94-82-6	
40	Dinoseb	20	*	88-85-7	
41	MCPP	10000	*	93-65-2	
42	Pentachlorophenol	1.7	0.38	87-86-5	
43					
44	ORGANOCHLORINE PESTICIDES	µg/Kg dw (ppb)	µg/Kg dw (ppb)		
45	2,4'-DDD	NE	*	53-19-0	
46	2,4'-DDE	NE	*	3424-82-6	
47	2,4'-DDT	NE	*	789-02-6	
48	4,4'-DDD	0.4	0.083	72-54-8	
49	4,4'-DDE	0.4	0.0588	72-55-9	
50	4,4'-DDT	0.4	0.0588	50-29-3	
51	Total DDT		*		
52	Aldrin	0.2	0.00038	309-00-2	
53	α - BHC	0.2	0.001	319-84-6	
54	β - BHC	0.2	0.0036	319-85-7	
55	δ - BHC	0.2	*	319-86-8	
56	γ - BHC (Lindane)	0.2	0.005	58-89-9	
57	α - Chlordane	0.2	*	5103-71-9	
58	γ - Chlordane	0.2	*	5103-74-2	
59	cis - nonachlor	NE	*	5103-73-1	
60	oxy - chlordane	NE	*	26880-48-8	
61	trans - nonachlor	NE	*	39765-80-5	
62	total Chlordane	1.0	0.057		
63	Dieldrin	0.4	0.0004	60-57-1	
64	Endosulfan I	0.2	1.7	959-98-8	
65	Endosulfan II	0.4	*	33213-65-9	
66	Endosulfan sulfate	0.4	*	1031-07-8	

SCHN00332582

	A	B	C	D	E
67	Endrin	0.4	0.084	72-20-8	
68	Endrin aldehyde	0.4	*	7421-93-4	
69	Endrin ketone	0.4	*	53494-70-5	
70	Heptachlor	0.2	0.0014	76-44-8	
71	Heptachlor epoxide	0.2	0.0007	1024-57-3	
72	Hexachlorobenzene	1.0	0.33	118-74-1	
73	Hexachlorobutadiene	1.0	0.6	87-68-3	
74	Hexachloroethane	1.0	2.0	67-72-1	
75	Methoxychlor	2.0	1.4	72-43-5	
76	Mirex	NE[h]	0.056	2385-85-5	
77	Toxaphene	100	0.0059	8001-35-2	
78					
79	SEMIVOLATILE ORGANIC COMPOUNDS	µg/Kg dw (ppb)	µg/Kg dw (ppb)		
80	2,2'-oxybis(1-chloropropane)	40	*	108-60-1	
81	2-Chloronaphthalene	20	*	91-58-7	
82	2-Nitroaniline	20	*	88-74-4	
83	3,3'-Dichlorobenzidine	20	*	91-94-1	
84	3-Nitroaniline	20	*	99-09-2	PCB Ar Part Herb SVOC 32 oz jar
85	4-Nitroaniline	40	*	100-01-6	
86	Aniline	100	*	62-53-3	
87	Benzoic Acid	200	*	65-85-0	
88	Benzyl Alcohol	20	*	100-51-6	
89	Bis-(2-chloroethoxy) methane	100	*	111-91-1	
90	Hexachlorocyclopentadiene	20	*	77-47-4	
91	Isophorone	20	*	78-59-1	
92	n-Nitrosodimethylamine	20	0.0073	62-75-9	
93	n-Nitroso-di-n-propylamine	20	0.033	621-64-7	
94	n-Nitrosodiphenylamine	20	*	86-30-6	
95	2,3,4,6-Tetrachlorophenol	100	157	58-90-2	
96	2,4,5-trichlorophenol	4.93	524	95-95-4	
97	2,4,6-trichlorophenol	5.91	1.8	88-06-2	
98	2,4-Dichlorophenol	20	16	120-83-2	
99	2,4-Dimethylphenol	20	*	105-67-9	
100	2,4-Dinitrophenol	20	*	51-28-5	
101	2-Chlorophenol	40	26	95-57-8	
102	2-Methylphenol	20	*	95-48-7	
103	2-Nitrophenol	100	*	88-75-5	
104	4,6-Dinitro-2-Methylphenol	200	*	534-52-1	
105	4-Chloro-3-methylphenol	20	*	59-50-7	
106	4-Methylphenol	20	26	106-44-5	
107	4-Nitrophenol	20	*	100-02-7	
108	Phenol	100	3146	108-95-2	
109	Tetrachlorophenol (2,3,4,5 and 2,3,5,6)	NE	157	25167-83-3	
110	bis(2-Ethylhexyl) phthalate	20	3.4	117-81-7	
111	Butylbenzylphthalate	100	400	85-68-7	
112	Diethylphthalate	20	*	84-66-2	
113	Dimethylphthalate	20	20000	131-11-3	
114	Di-n-butylphthalate	20	204	84-74-2	
115	Di-n-octylphthalate	20	40.9	117-84-0	
116	1,2,4-Trichlorobenzene	20	*	120-82-1	
117	1,2-Dichlorobenzene	20	184	95-50-1	
118	1,3-Dichlorobenzene	20	*	541-73-1	
119	2,4-Dinitrotoluene	20	*	121-14-2	
120	2,6-Dinitrotoluene	20	*	606-20-2	
121	4-bromophenyl-phenyl ether	60	*	101-55-3	
122	4-Chloroaniline	20	*	106-47-8	
123	4-Chlorophenyl-phenyl ether	60	*	7005-72-3	
124	Bis-(2-chloroethyl) ether	20	*	111-44-4	
125	Hexachloroethane	0.7	2.0	67-72-1	
126	Nitrobenzene	20	*	98-95-3	
127	1,2-diphenylhydrazine[f]	20	0.0025		
128	1,4-Dichlorobenzene	20	2.0	106-46-7	
129	Hexachlorobenzene	20	0.3	118-74-1	
130	Hexachlorobutadiene	100	0.6	87-68-3	
131	Pentachlorophenol	3.3	0.58	87-86-5	
132	2-Methylnaphthalene	20	*	91-57-6	

SCHN00332583

	A	B	C	D	E
133	Acenaphthene	100	72	83-32-9	
134	Acenaphthylene	100	*	208-96-8	
135	Anthracene	20	360	120-12-7	
136	Benzo(a)Anthracene	0.7	0.038	56-55-3	
137	Benzo(a)Pyrene	0.7	0.0038	50-32-8	
138	Benzo(b)Fluoranthene	0.7	0.038	205-99-2	
139	Benzo(ghi)Perylene	120	*	191-24-2	
140	Benzo(k)Fluoranthene	0.7	0.38	207-08-9	
141	Carbazole	NE	6.12	86-74-8	
142	Chrysene	0.7	3.8	218-01-9	
143	Dibenzofuran	0.7	8.2	132-64-9	
144	Dibenz(a,h)Anthracene	0.7	0.0038	53-70-3	
145	Fluoranthene	20	48	206-44-0	
146	Fluorene	20	48	86-73-7	
147	Indeno(1,2,3-cd)Pyrene	0.7	0.038	193-39-5	
148	Naphthalene	20	24	91-20-3	
149	Phenanthrene	20	*	85-01-8	
150	Pyrene	20	36	129-00-0	
151					
152	CHLORINATED BIPHENYL CONGENERS	pg/g dw (ppt)	pg/g dw (ppt)		
153	3,3',4,4'-Tetrachlorobiphenyl BZ077	0.5-1.0	*	32598-13-3	
154	2,3,3',4,4'-Pentachlorobiphenyl BZ105	0.5-1.0	*	32598-14-4	
155	2,3,4,4',5-Pentachlorobiphenyl BZ114	0.5-1.0	*	74472-37-0	
156	2,3',4,4',5-Pentachlorobiphenyl BZ118	0.5-1.0	*	31508-00-6	
157	2,3',4,4',5'-Pentachlorobiphenyl BZ123	0.5-1.0	*	65510-44-3	
158	3,3',4,4',5-Pentachlorobiphenyl BZ126	0.5-1.0	0.01	57465-28-8	
159	2,3,3',4,4',5-Hexachlorobiphenyl BZ156	0.5-1.0	*	38380-08-4	
160	2,3,3',4,4',5'-Hexachlorobiphenyl BZ157	0.5-1.0	*	69782-90-7	
161	2,3',4,4',5,5'-Hexachlorobiphenyl BZ167	0.5-1.0	*	52663-72-6	
162	3,3',4,4',5,5'-Hexachlorobiphenyl BZ169	0.5-1.0	*	32774-16-6	
163	2,2',3,3',4,4',5-Heptachlorobiphenyl BZ170	0.5-1.0	*	35065-30-6	
164	2,2',3,4,4',5,5'-Heptachlorobiphenyl BZ180	0.5-1.0	*	35065-29-3	
165	2,3,3',4,4',5,5'-Heptachlorobiphenyl BZ189	0.5-1.0	*	39635-31-9	
166					
167	TETRA-OCTA-CHLORINATED DIOXINS AND FURANS	pg/g dw (ppt)	pg/g dw (ppt)		PCB ccng Dioxin & Furan 2 x 16 oz jar
168	2,3,7,8-TCDD	0.01	0.0001	1746-01-6	
169	2,3,7,8-TCDF	0.01	0.001	51207-31-9	
170	1,2,3,7,8-PeCDD	0.01	0.001	40321-76-4	
171	1,2,3,7,8-PeCDF	0.01	0.001	57117-41-6	
172	2,3,4,7,8-PeCDF	0.01	0.0002	57117-31-4	
173	1,2,3,4,7,8-HxCDD	0.01	0.01	39227-28-6	
174	1,2,3,6,7,8-HxCDD	0.01	0.01	57653-85-7	
175	1,2,3,7,8,9-HxCDD	0.01	0.01	19408-74-3	
176	1,2,3,4,7,8-HxCDF	0.01	0.01	70648-26-9	
177	1,2,3,6,7,8-HxCDF	0.01	0.01	57117-44-9	
178	1,2,3,7,8,9-HxCDF	0.01	0.01	72918-21-9	
179	2,3,4,6,7,8-HxCDF	0.01	0.01	60851-34-5	
180	1,2,3,4,6,7,8-HpCDD	0.03	0.09	35822-46-9	
181	1,2,3,4,6,7,8-HpCDF	0.03	0.09	67562-39-4	
182	1,2,3,4,7,8,9-HpCDF	0.03	0.09	55673-89-7	
183	OCDD	0.05	9.4	3268-87-9	
184	OCDF	0.05	9.4	39001-02-0	

SCHN00332584

URS	Site Id: GP-BLT-56	
	Location: Bell Terminal	Elevation: 28.91'
	Logged By: Don Coberley	Datum: COP
Project Name: Premier Edible Oils	Date(s): 10/09/01 - 10/09/01	State Plane North: 718067.48
Project Number: 52-00180063	Drilling Method: Direct Push	State Plane East: 7618210.51
Total Depth: 20.00' / Borehole Dia.: 2.00in	Contractor: GeoTech	Static Water Level: 15.65'

Remarks: BG = Background (varies)

Elevation (ft)	Depth (ft)	Graphic Log	Water Level	USCS Code	Material Description	PID
				GM	BROWN SILTY GRAVEL.	
				SP	BROWN SAND, medium dense, fine to medium grained, trace fines [moist].	
20	10					11 ppm 10 ppm 4 ppm 5 ppm
			▼		Becomes gray colored. Hydrocarbon odor. Trace SILT. Becomes saturated. Slight hydrocarbon odor. DARK GRAY POORLY GRADED SAND, fine to medium grained, trace fines [wet]. Very slight hydrocarbon odor.	2 ppm 17 ppm 20 ppm 81 ppm 9.5 ppm
10	20			ML	DARK GRAY SILT, soft [wet].	
					Boring terminated at 20 feet bgs. Water sample collected, screened interval 16-20 feet bgs.	
0						

SCHN00332771

URS	Site Id: GP-BLT-57	
	Location: Bell Terminal	Elevation: 28.68'
	Logged By: Don Coberley	Datum: COP
Project Name: Premier Edible Oils	Date(s): 10/09/01 - 10/09/01	State Plane North: 718026.31
Project Number: 52-00180063	Drilling Method: Direct Push	State Plane East: 7618209.05
Total Depth: 20.00' / Borehole Dia.: 2.00in	Contractor: GeoTech	Static Water Level: 15.55'

Remarks: BG = Background (varies)

Elevation (ft)	Depth (ft)	Graphic Log	Water Level	USCS Code	Material Description	PID
				GM SP	SILTY GRAVEL BROWNISH-YELLOW POORLY GRADED SAND, medium dense, fine to medium grained, no odor, [moist].	
						BG ppm
20						BG ppm
	10					BG ppm
					Becomes gray colored, with hydrocarbon odor.	14.3 ppm
					Returns to brownish-yellow color, possible slough.	
					Returns to gray color, with hydrocarbon odor.	5.5 ppm
			▼		Trace fines, becomes [wet], slight hydrocarbon odor.	12.9 ppm 29.5 ppm 2.9 ppm
10				ML	GRAY SILT, trace clay, slight hydrocarbon odor [moist].	2.7 ppm
	20					
					Boring terminated at 20 feet bgs. Water sample collected, screened interval 16-20 feet bgs.	
0						

SCHN00332772

URS	Site Id: GP-BLT-58	
	Location: Bell Terminal	Elevation: 29.86'
	Logged By: Don Coberley	Datum: COP
Project Name: Premier Edible Oils	Date(s): 10/09/01 - 10/09/01	State Plane North: 718059.83
Project Number: 52-0D180063	Drilling Method: Direct Push	State Plane East: 7618139.31
Total Depth: 20.00' / Borehole Dia.: 2.00in	Contractor: GeoTech	Static Water Level:

Remarks: BG = Background (varies)

Elevation (ft)	Depth (ft)	Graphic Log	Water Level	USCS Code	Material Description	PID
				GM	BROWN SILTY GRAVEL	
				SP	BROWNISH-YELLOW POORLY GRADED SAND, medium dense, fine to medium grained, trace fines, no odor [moist].	
						BG ppm
20	10					BG ppm
						BG ppm
					Becomes orange colored (oxidized).	
					Becomes gray colored, no hydrocarbon odor, some wood fragments.	BG ppm
				ML	Gray SILT, medium stiff [moist-dry].	BG ppm
10	20					
					Terminate boring at 20 feet bgs. Insufficient water in boring for water sample.	
0						

SCHN00332773

URS	Site Id: GP-BLT-59	
	Location: Bell Terminal	Elevation: 29.50'
	Logged By: Don Coberley	Datum: COP
Project Name: Premier Edible Oils	Date(s): 10/09/01 - 10/09/01	State Plane North: 718004.18
Project Number: 52-00180063	Drilling Method: Direct Push	State Plane East: 7618161.81
Total Depth: 18.00' / Borehole Dia.: 2.00in	Contractor: GeoTech	Static Water Level: 16.00'

Remarks: BG = Background (varies)

Elevation (ft)	Depth (ft)	Graphic Log	Water Level	USCS Code	Material Description	PID
				GM	BROWN SILTY GRAVEL	BG ppm
				SP	BROWNISH-YELLOW POORLY GRADED SAND, medium dense, fine to medium grained, no stain or odor [moist].	
						BG ppm
						BG ppm
20	10					BG ppm
					Becomes gray colored, with hydrocarbon odor.	4.4 ppm
						10.3 ppm
						6 ppm
						35 ppm
					Becomes [wet], sheen to water, with hydrocarbon odor	39.6 ppm
				ML	GRAY SILT, soft-medium stiff.	16.3 ppm
						28.4 ppm
10	20				Terminate boring at 18 feet bgs. Water sample collected, screened interval 14-18 feet bgs.	
0						

SCHN00332774

URS	Site Id: GP-BLT-60	
	Location: Bell Terminal	Elevation: 29.28'
	Logged By: Don Coberley	Datum: COP
Project Name: Premier Edible Oils	Date(s): 10/09/01 - 10/09/01	State Plane North: 718112.05
Project Number: 52-0D180063	Drilling Method: Direct Push	State Plane East: 7618211.62
Total Depth: 20.00' / Borehole Dia.: 2.00in	Contractor: GeoTech	Static Water Level: 16.50'

Remarks: BG = Background (varies)

Elevation (ft)	Depth (ft)	Graphic Log	Water Level	USCS Code	Material Description	PID
				GM	BROWN SILTY GRAVEL	BG ppm
				SP	BROWNISH-YELLOW POORLY GRADED SAND, medium dense, fine to medium grained, trace fines [moist].	
						BG ppm
20	10				Laminations.	BG ppm
						BG ppm
					Dark gray-brown colored zone.	
					Becomes gray colored, no hydrocarbon odor [wet].	
10	20			ML	GRAY SILT, soft-medium stiff, no odor, with black wood fragments [moist].	BG ppm
					Boring terminated at 20 feet bgs. Water sample collected, screened interval 16-20 feet bgs.	
0						

SCHN00332775

URS	Site Id: GP-BLT-61	
	Location: Bell Terminal	Elevation: 29.04'
	Logged By: Don Coberley	Datum: COP
Project Name: Premier Edible Oils	Date(s): 10/09/01 - 10/09/01	State Plane North: 717979.05
Project Number: 52-0D180063	Drilling Method: Direct Push	State Plane East: 7618207.26
Total Depth: 18.00' / Borehole Dia.: 2.00in	Contractor: GeoTech	Static Water Level: 15.84'

Remarks: BG = Background (varies)

Elevation (ft)	Depth (ft)	Graphic Log	Water Level	USCS Code	Material Description	PID
				GM	BROWN SILTY GRAVEL, medium dense [moist].	BG ppm
				SP	BROWNISH-YELLOW POORLY GRADED SAND, medium dense, fine to medium grained, trace fines [moist].	
						BG ppm
20	10				Laminations.	BG ppm
						BG ppm
						BG ppm
					Becomes gray colored, with hydrocarbon odor.	108 ppm
					Grains slightly shiny, with hydrocarbon odor.	
				ML	GRAY SILT, soft-slightly stiff, slight hydrocarbon odor [moist].	
10	20				Boring terminated at 18 feet bgs. Water sample collected, screened interval 14-18 feet bgs.	
0						

SCHN00332776

URS

Site Id: GP-BLT-62	
Location: Bell Terminal	Elevation: 29.53'
Logged By: Don Coberley	Datum: COP
Project Name: Premier Edible Oils	Date(s): 10/09/01 - 10/09/01
Project Number: 52-0D180063	Drilling Method: Direct Push
Total Depth: 20.00' / Borehole Dia.: 2.00in	Contractor: GeoTech
	State Plane North: 717933.42
	State Plane East: 7618206.57
	Static Water Level: 17.31'

Remarks: BG = Background (varies)

Elevation (ft)	Depth (ft)	Graphic Log	Water Level	USCS Code	Material Description	PID
				GM	BROWN SILTY GRAVEL	BG ppm
				SP	BROWN TO BROWNISH-YELLOW POORLY GRADED SAND, medium dense, fine to medium grained, trace fines [moist].	
						BG ppm
						BG ppm
20	10					BG ppm
						BG ppm
					Becomes orange colored, possible oxidation.	
					Becomes gray colored, no odor [wet].	BG ppm
10	20			ML	GRAY SILT, soft-medium stiff, no odor [moist-wet].	BG ppm
					Boring terminated at 20 feet bgs. Water sample collected, screened interval 16-20 feet bgs.	
0						

SCHN00332777

URS	Site Id: GP-BLT-63	
	Location: Bell Terminal	Elevation: 29.43'
	Logged By: Don Coberley	Datum: COP
Project Name: Premier Edible Oils	Date(s): 10/09/01 - 10/10/01	State Plane North: 718039.75
Project Number: 52-0D180063	Drilling Method: Direct Push	State Plane East: 7618162.71
Total Depth: 18.00' / Borehole Dia.: 2.00in	Contractor: GeoTech	Static Water Level: 16.29'

Remarks: BG = Background (varies)
Rig malfunction at about 16ft bgs during drilling on 10/9/01. Remainder of boring completed about 3ft south of initial boring on 10/10/01.

Elevation (ft)	Depth (ft)	Graphic Log	Water Level	USCS Code	Material Description	PID
				GM	BROWN SILTY GRAVEL, medium dense [moist].	BG ppm
				SP	BROWN TO BROWNISH-YELLOW POORLY GRADED SAND, medium dense, fine to medium grained, trace fines [moist].	
						BG ppm
						BG ppm
20	10					
						BG ppm
						BG ppm
						43 ppm
					Becomes gray colored, with hydrocarbon odor.	4 ppm
			▼		DARK GRAY POORLY GRADED SAND, medium dense, fine to medium grained, strong hydrocarbon odor, slight sheen on water [wet].	
				ML	GRAY SILT, soft-slightly stiff, wood chip at contact [moist-wet].	
10	20				Boring terminated at 18 feet bgs. Water sample collected, screened interval 14-18 feet bgs.	
0						

SCHN00332778

URS	Site Id: GP-FPL-64	
	Location: Bell Terminal	Elevation: 27.90'
	Logged By: Don Coberley	Datum: COP
Project Name: Premier Edible Oils	Date(s): 10/10/01 - 10/10/01	State Plane North: 718060.58
Project Number: 52-00180063	Drilling Method: Direct Push	State Plane East: 7618075.69
Total Depth: 20.00' / Borehole Dia.: 2.00in	Contractor: GeoTech	Static Water Level:

Remarks:

Elevation (ft)	Depth (ft)	Graphic Log	Water Level	USCS Code	Material Description	PID
				GM	BROWN SILTY GRAVEL WITH SAND, medium dense, contains concrete fragments, no stain or odor [moist].	
				SP	BROWNISH-YELLOW TO BROWN SAND, medium dense, fine to medium grained, some fines, no stain or odor [moist].	
					Gray colored zone, indistinct over 2" thick.	
20						
	10				Scattered laminations.	
					Slightly more brownish-yellow color.	
					Wood fragments.	
					Becomes gray colored, no hydrocarbon odor.	
				ML	Gray SILT, soft-slightly stiff, charred branch in sample, no hydrocarbon odor [wet].	
10					Becomes [moist].	
	20				With SAND interbeds, fine grained, no odor, [dry-moist].	
					Boring terminated at 20 feet bgs. Insufficient water for sample.	
0						

SCHN00332779

James C. Brown & Associates, P.C.

Law Offices

Post Office Box 31
Marylhurst, Oregon 97036
Telephone: (503) 557-2245
FAX: (503) 557-0377
E-mail: jcbrownpc@msn.com

May 14, 2001

Patricia M. Dost
Schwabe Williamson & Wyatt
1600-1900 Pacwest Center
1211 SW Fifth Avenue
Portland, OR 97204

Re: Access Agreement
Time Oil Company

Dear Patti:

On behalf of our client, Schnitzer Investment Corp. (Schnitzer), we are sending you this letter and enclosed documents to advise you as to the current status of the Remedial Investigations/ Feasibility Study (RI/FS) being conducted by Schnitzer at the Premier Edible Oils Site (PEO Site), as required by the DEQ. Further, we are requesting that Time Oil Company (Time Oil) enter into an Access Agreement with Schnitzer to allow Schnitzer to complete that portion of the RI Scope of Work pertaining to the Time Oil Company-Northwest Terminal property at 10350 North Time Oil Road, Portland, Oregon, see Sections 4.2 & 4.3 of the Scope of Work.

Since we last spoke regarding this Access Agreement between Schnitzer and Time Oil, Schnitzer, Time Oil and Premier Edible Oils met in a mid-April 2001 settlement meeting to try to resolve the pending litigation between the parties. At that time, a tentative settlement agreement was reached between Schnitzer and Premier Edible Oils. Schnitzer also tentatively agreed to enter into a Tolling Agreement with Time Oil regarding that pending litigation. However, since that April meeting, Premier Edible Oils has been unwilling or unable to move forward in good faith with the proposed settlement. Therefore, at this time, the litigation is being revived, which may preclude Schnitzer from entering into the Tolling Agreement with Time Oil.

Nonetheless, Schnitzer is currently finalizing the terms of a ***Voluntary Agreement For Upland Remedial Investigations/Feasibility Study And Source Control Measures*** for the PEO Site with the Oregon Department of Environmental Quality (DEQ) and associated Scope of Work. The Bridgewater Group, Inc., on behalf of Schnitzer, submitted a ***Remedial Investigation/Feasibility Study Scope of Work: Premier Edible Oils Site, 10400 North Burgard Way, Portland, Oregon***, dated April 2001 to the DEQ for review, see attached copy. On May 8, 2001 DEQ submitted their comments on the Scope of Work, see attached copy, and fieldwork began in early May

2001. Attached is a copy of Bridgewater's May 10, 2001 Memorandum discussing the current status of the work and the need to complete a portion of the work at the Bell Terminal.

In order to continue to work in a timely manner, attached please find a copy of the draft Access Agreement between Schnitzer and Time Oil that allows Schnitzer to move forward with the Remedial Investigation work. Your prompt review of the draft agreement and transmittal of any proposed changes is greatly appreciated.

If you have any questions regarding the request for the Access Agreement, please call.

Sincerely,

James C. Brown

c (without enclosures):
Tom Zelenka, Schnitzer

VOLUNTARY AGREEMENT FOR UPLAND
REMEDIAL INVESTIGATION/FEASIBLITY STUDY AND SOURCE CONTROL MEASURES

DEQ NO. ECDVC-NWR-01-06

BETWEEN: Schnitzer Investment Corporation (Schnitzer)

AND: Oregon Department of Environmental Quality (DEQ)

EFFECTIVE DATE: March 6, 2001

Pursuant to ORS 465.260(2) and (4), the Director, Oregon Department of Environmental Quality (DEQ), enters this Agreement with Schnitzer Investment Corporation (Schnitzer). This Agreement contains the following provisions:

	Page
I. Recitals	1
II. Agreement	3
A. Work	3
B. Public Participation	5
C. DEQ Access and Oversight	5
D. Project Managers	6
E. Notice and Samples	6
F. Quality Assurance	7
G. Records	7
H. Progress Reports	8
I. Other Applicable Laws	8
J. Reimbursement of DEQ Costs	8
K. Force Majeure	9
L. Prior Approval	10
M. Dispute Resolution	10
N. Enforcement of Agreement and Reservation of Rights	10
O. Hold Harmless	11
P. Parties Bound	12
Q. Modification	12
R. Duration and Termination	12

I. RECITALS

A. Schnitzer is a "person" under ORS 465.200(20).

B. The Premier Edible Oils (PEO) site, which belongs to Schnitzer, consists of the north and south parcels and occupies approximately 18.5 acres at 10400 N. Burgard Way, Portland, Oregon and is referred to hereinafter as the "PEO Site". A vicinity map and a site map are included as Figures 1 and 2 in Attachment A to this Agreement, and are incorporated herein by

reference. The PEO site does not include other adjoining property at 12005 N. Burgard Road that is also owned by Schnitzer and that is subject to a similar Voluntary Agreement For Remedial Investigation and Source Control Measures by Schnitzer.

C. The PEO site is located within or near what is known as the Portland Harbor, a six-mile reach of the Willamette River between Sauvie Island and Swan Island. A 1997 study by DEQ and the U.S. Environmental Protection Agency identified elevated levels of hazardous substances in shallow, near-shore sediments throughout the Portland Harbor.

D. Schnitzer has owned the PEO site since 1972 and since then, the PEO site operations have included edible oil processing, storing and shipping. Prior to 1972, the site was used 1) by a chemical company, 2) as part of the World War II shipyards, and 3) for storage of bulk petroleum products. Site investigations have detected petroleum hydrocarbons, chlorinated solvents, and edible oils in site soil. Petroleum and chlorinated solvents have been detected in site groundwater. Free-floating petroleum product has been documented in a monitoring well near the southwest corner of the property, near the Willamette River and the ship fitting slip.

E. Materials used and stored on the site included petroleum products, solvents, and edible oils. Wastes from the edible oil operation included wastewater, storm water, waste oils, spent solvents, and solid wastes.

F. The PEO site is part of the Schnitzer Burgard Industrial Park. The following contaminants were detected in sediment samples collected adjacent to the Schnitzer Burgard Industrial Park site (12005 N. Burgard Road) in 1997 at concentrations exceeding baseline concentrations established for the Portland Harbor Study Area: antimony, arsenic, barium, cadmium, cobalt, copper, chromium, iron, manganese, lead, mercury, nickel, silver, zinc, organotins, bis (2-ethylhexl) phthalate, butylbenzlphthalate; carbazole, dibenzofuran, 2-methylnaphthylene, and low- and high-molecular weight polynuclear aromatic hydrocarbons (LPAHs and HPAHs, respectively). Concentrations of antimony, carbazole, dibenzofuran, mercury, zinc, LPAHs, and HPAHs were all more than twice their respective baseline values. Concentrations of organotins at one sediment sample location were more than 150 times the baseline value. Investigations have also disclosed contamination of soil and groundwater at the Site.

The substances described in this section are "hazardous substances" under ORS 465.200(15), with the exception of edible oils. The presence of hazardous substances in soil, groundwater, and sediments at or near the site constitutes a "release" or "threat of release" into the environment under ORS 465.200(21).

The PEO site and the contaminated sediments at or near the site are a "facility" under ORS 465.200(12).

G. DEQ considers the activities required by this Agreement to be necessary to protect public health, safety, and welfare and the environment.

II. AGREEMENT

The parties agree as follows:

A. Work

1. Remedial Investigation

Schnitzer shall perform a remedial investigation satisfying OAR 340-122-0080, the terms and schedule of a DEQ approved work plan developed by Schnitzer, and applicable elements of the Scope of Work contained in Attachment B to this Agreement. Schnitzer may specify, in the proposed work plan, elements of the Scope of Work that Schnitzer considers inapplicable or unnecessary to the remedial investigation for the facility. Schnitzer may propose to perform the work in phases or operable units.

2. Source Control Measures

For any unpermitted discharge or migration of contaminants to the Willamette River or sediments identified in the remedial investigation, Schnitzer shall evaluate such discharge or migration, and then develop and implement source control measures in accordance with the Scope of Work.

3. Feasibility Study

Schnitzer shall perform a feasibility study satisfying OAR-340-122-090, using the terms and schedule of a DEQ-approved work plan developed by Schnitzer, and the applicable elements of the Scope of Work contained in Attachment B to this Agreement.

4. DEQ-Review

DEQ shall provide review, approvals/disapprovals, and oversight in accordance with the schedule set forth in the Scope of Work, or as soon as thereafter practicable in the

Deleted: . . DRAF
Deleted: T
Deleted: <#>¶ D. . Beginning in 1973, PGE started the operation of a substation at the facility. In 1973, PGE added an electrical switchyard and radio communications station to the site. Beginning in 1972, PGE brought four turbine powered electrical generators to the facility. Two 4.2 million-gallon diesel fuel above ground storage tanks were constructed to store fuel for the generators. The generators operated intermittently from 1973 to 1980. The generators operated for a total of 5,252 hours, of which 630 hours were on diesel fu ... [1]
Deleted: H. .
Deleted: DEQ considers the activities required by ... [2]
Deleted: PGE
Deleted: shall
Deleted: PGE
Deleted: PGE
Deleted:
Deleted: PGE
Deleted: Interim Remedial
Deleted: tha
Formatted
Deleted: that warrants removal action under OA ... [3]
Deleted: represents a threat to human health or the ... [4]
Formatted
Formatted
Deleted:
Deleted: PGE
Deleted: Portland General Electric Compan
Deleted: y
Deleted: REVISED
Deleted: DRAFT
Deleted: 12/20/1999

SCHN00332808

event staff resources or workload prevent compliance with the schedule. Any DEQ delay shall correspondingly extend Schnitzer's schedule for a related deliverable or activity.

5. Additional Measures

Schnitzer may elect at any time during the term of this Agreement to undertake remedial measures other than those required under this Agreement necessary to address a release or threatened release of hazardous substances at the facility. Such other measures shall be subject to prior approval by DEQ. Prior approval shall not be required in emergencies where Schnitzer reasonably believes a delay in undertaking a particular action will threaten human health, safety, or the environment; provided that Schnitzer notifies DEQ of the emergency and action as soon as is practicable.

6. Dredging Activities

Schnitzer shall notify the DEQ project manager at least sixty (60) days before undertaking any dredging or other activity that might disturb sediments at or near the facility. In its notice of dredging or other activity, Schnitzer shall: (a) Evaluate the concentration of hazardous substances present in and below the affected sediments based on sampling and analyses performed in advance of the notice; (b) Document the steps to be taken to ensure that both the activity and the subsequent management and disposal of dredged spoils will be conducted in a manner protective of human health and the environment; and (c) Evaluate the effect of the activity on the Portland Harbor Remedial Investigation and Feasibility Study. Dredging may proceed under existing permits subject to the above notice and implementation of any additional dredging or management practices required by DEQ. DEQ shall also be notified of and copied on any permit application to the Oregon Division of State Lands or United States Army Corps of Engineers for dredging or other activity disturbing sediments adjacent to the Schnitzer site. Notwithstanding the foregoing, Schnitzer may conduct dredging or other activities that might disturb sediments at or near the facility without giving DEQ 60 days' notice, if such activities are conducted in accordance with an effective Dredging Agreement between Schnitzer and DEQ that describes the notification and sampling requirements, dredging, management, and disposal practices, and any other measures that Schnitzer will take to ensure that all activities within the scope of the Dredging Agreement are conducted in a manner

Deleted: . .DRAF..T ... [5]
Deleted: PGE
Formatted ... [6]
Deleted: or in instances
Formatted
Deleted:
Formatted
Deleted: shall ..y.. after the emergency or activity. ... [7]
Deleted: .
Deleted: ----------Page Break----------
Deleted: PGE
Deleted: [obtain DEQ's approval]
Formatted
Deleted: no
Formatted ... [8]
Deleted: r
Deleted: obtain DEQ's approval
Deleted: [DEQ shall grant approval if [NAME OF PARTY] demonstrates to DEQ either that: (a) the sediments to be affected are not contaminated with hazardous substances above baseline values; or (b) the activity will be consistent with the Portland Harbor Sediment Management Plan and DEQ sediment investigations and will be conducted in a ... [9]
Formatted
Deleted: t.]
Formatted ... [10]
Deleted: ould.. ... [11]
Formatted
Deleted:
Formatted
Deleted: N..otification ... [12]
Formatted
Deleted: Portland Gener ... [13]
Deleted: y..REVISED ... [14]
Deleted: DRAFT
Deleted: 12/20/1999

SCHN00332809

that is protective of human health and the environment and consistent with Harborwide cleanup work.

7. Site Access

Schnitzer will obtain or use its best efforts to obtain access to property not owned or controlled by Schnitzer as necessary to perform the work required under this Agreement. DEQ may use its statutory authority to obtain access to property on behalf of Schnitzer if DEQ determines that access is necessary and that Schnitzer has exhausted all good faith efforts to obtain access.

B. Public Participation

Upon execution of this Agreement, DEQ will provide public notice of this Agreement through issuance of a press release, at a minimum to a local newspaper of general circulation, describing the measures required under this Agreement. Copies of the Agreement will be made available to the public. DEQ shall provide Schnitzer a draft of such press release and consider any comments by Schnitzer on the draft press release, before publication.

C. DEQ Access and Oversight

1. Schnitzer shall allow DEQ to enter all portions of the PEO site at all reasonable times for the purposes, among other things, of inspecting records relating to work under this Agreement; observing Schnitzer's progress in implementing this Agreement; conducting such tests and taking such samples as DEQ deems necessary; verifying data submitted to DEQ by Schnitzer; and, using camera, sound recording, or other recording equipment for purposes relating to work under this Agreement. Upon Schnitzer's verbal request, DEQ shall make available to Schnitzer a split or duplicate of any sample or recording taken by DEQ pursuant to this Agreement. DEQ shall use its best efforts, but not be obligated, to provide reasonable advance notice before entering the facility. DEQ shall adhere to all health and safety requirements of the facility, as identified in the applicable Health and Safety Plan, including, but not limited to, requirements in portions of the PEO site where outside visitors must be accompanied by company personnel.

Deleted: . .DRAF..T ... [15]
Deleted: .
Deleted: permit applic ... [16]
Deleted: In
Deleted: n
Deleted: conjunction w ... [17]
Deleted: the
Formatted ... [18]
Deleted: dredging permit,
Deleted: t
Deleted:
Deleted: application process,
Deleted: [NAME of PARTY ... [19]
Deleted: DEQ shall gra ... [20]
Deleted: (a) Evaluate the
Deleted: the
Deleted: concentration of
Deleted: sediments to b ... [21]
Deleted: hazardous subs ... [22]
Deleted: above baseline ... [23]
Deleted: ;
Deleted: or
Deleted: (b) Demonstrat ... [24]
Formatted ... [25]
Deleted: ; (c) demonstr ... [26]
Deleted: and DEQ sedim ... [27]
Deleted: will be
Deleted: and conducted ... [28]
Formatted ... [29]
Deleted: d
Formatted ... [30]
Deleted:) Evaluate the ... [31]
Deleted: [Eric/Mike: Is ... [32]
Formatted ... [33]
Deleted: PGE..PGE ... [34]
Deleted: PGE
Deleted: [
Formatted ... [35]
Deleted:
Deleted: and move freel ... [36]
Deleted: (with the exce ... [37]
Formatted ... [38]
Formatted ... [39]
Formatted ... [40]
Deleted: s
Formatted ... [41]
Formatted ... [42]
Deleted: Portland Gener ... [43]
Deleted: y_*REVISED* ... [44]
Deleted: *DRAFT*
Deleted: *12/20/1999*

2. Schnitzer shall permit DEQ to inspect and copy all records, files, photographs, documents, and data in connection with work under this Agreement, except that Schnitzer shall not be required to permit DEQ inspection or copying of items subject to attorney-client or attorney work product privilege. DEQ shall use its best efforts, but not be obligated, to provide reasonable notice before records inspection and copying requests.

3. Attorney-client and work product privileges may not be asserted with respect to any records required under Paragraphs II.G.1 and II.G.2 of this Agreement. Schnitzer shall identify to DEQ--by addressor-addressee, date, general subject matter, and distribution--any document, record, or item withheld from DEQ on the basis of attorney-client or attorney work product privilege. DEQ reserves its rights under law to obtain documents DEQ asserts are improperly withheld by Schnitzer.

D. Project Managers

1. To the extent possible, all reports, notices, and other communications required under or relating to this Agreement shall be directed to:

DEQ Project Manager:	Schnitzer Project Manager:
Alicia C. Voss Voluntary Cleanup and Portland Harbor Section 2020 SW Fourth, Suite 400 Portland, Oregon 97204 503-229-5011	Tom Zelenka Schnitzer Investment Corporation P.O. Box 10047 Portland, Oregon 97296-0047 503-224-9900

2. Schnitzer's and DEQ's Project Managers shall be available and have the authority to make day-to-day decisions necessary to complete the Scope of Work under this Agreement.

E. Notice and Samples

Schnitzer shall make every reasonable attempt to notify DEQ of any excavation, drilling, or sampling to be conducted under this Agreement at least five (5) working days before such activity but in no event less than twenty-four (24) hours before such activity. Upon DEQ's verbal request, Schnitzer shall make available to DEQ a split or duplicate of any sample taken pursuant to this Agreement. DEQ shall make every effort to

Deleted: . . DRAF
Deleted: T
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: Rodney Struck . Dennis Norton¶ . Voluntary Cleanup Program . Environmental Services¶ . Oregon DEQ . Portland General Electric¶ . 2020 SW Fourth Avenue, Suite 400 . 121 SW Salmon Street¶ . Portland, Oregon 97201-4987 . Portland, Oregon 97204¶
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: Portland General Electric Compan
Deleted: y
Deleted: REVISED
Deleted: DRAFT
Deleted: 12/20/1999

SCHN00332811

complete analysis of any split or duplicate sample on a schedule consistent with Schnitzer's schedule for related activities. DEQ shall provide Schnitzer with copies of all analytical data from such samples as soon as practicable.

F. Quality Assurance

Schnitzer shall conduct all sampling, sample transport, and sample analysis in accordance with the Quality Assurance/ Quality Control (QA/QC) provisions approved by DEQ as part of the work plan. All plans prepared and work conducted as part of this Agreement shall be consistent with DEQ's "Quality Assurance Policy No. 760.00". Schnitzer shall ensure that each laboratory used by Schnitzer for analysis performs such analyses in accordance with such provisions.

G. Records

1. In addition to those technical reports and documents specifically required under this Agreement, Schnitzer shall provide to DEQ within thirty (30) days of DEQ's written request copies of documents generated in connection with the work required under this Agreement, including QA/QC memoranda and QA/QC audits, draft and final deliverable plans, final reports, task memoranda, field notes, and laboratory analytical data that have undergone data quality validation.

2. If DEQ determines that review of raw data or preliminary laboratory reports is necessary in order to ensure protection of public health, safety, and welfare and the environment, that information will be provided by Schnitzer within ten (10) days of DEQ's written request.

3. Schnitzer and DEQ shall preserve all records and documents in possession or control of Schnitzer and DEQ, respectively, or their employees, agents, or contractors that relate in any way to activities under this Agreement for at least five (5) years after termination under Subsection II.R. of this Agreement; provided that after such 5-year period, Schnitzer and DEQ shall provide the other sixty (60) days notice before destruction or other disposal of such records and make them available for inspection and copying.

4. Schnitzer may assert a claim of confidentiality regarding any documents or records submitted to or copied by DEQ pursuant to this Agreement. DEQ shall treat documents and records for which a claim of confidentiality has been made in accordance

Deleted: . . DRAF
Deleted: T
Deleted: PGE
Formatted
Formatted
Deleted: .
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: [ten (10)]
Formatted
Deleted: ten
Deleted: 10
Deleted: PGE
Deleted: [immediately upon]
Formatted
Deleted: w
Formatted
Deleted: immediately upon
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: Portland General Electric Compan
Deleted: y
Deleted: *REVISED*
Deleted: *DRAFT*
Deleted: *12/20/1999*

SCHN00332812

with ORS 192.410 through 192.505. If Schnitzer does not make a claim of confidentiality at the time the documents or records are submitted to or copied by DEQ, the documents or records may be made available to the public without notice to Schnitzer.

H. Progress Reports

During each quarter of this Agreement, Schnitzer shall deliver to DEQ on or before the fifteenth (15th) day following the end of the calendar quarter two, (2) copies of a progress report containing the following items. DEQ anticipates that the progress report will not exceed 2 pages in length.

1. Actions taken under this Agreement during the previous quarter;

2. Actions scheduled to be taken in the next quarter;

3. Sampling, test results, and any other data generated by Schnitzer during the previous quarter; and

4. A description of any problems experienced during the previous quarter and the actions taken to resolve them.

I. Other Applicable Laws

Subject to ORS 465.315(3), all actions under this Agreement shall be performed in accordance with all applicable federal, state, and local laws and regulations.

(Cultural Resources Additional Provision)

J. Reimbursement of DEQ Oversight Costs

1. Prior to entry of this Agreement, DEQ shall submit to Schnitzer an invoice for costs incurred by DEQ for the PEO site prior to March 6, 2001. The total for DEQ costs incurred prior to March 6, 2001 is $15,219.22.

2. Upon entry of this Agreement, DEQ shall submit to Schnitzer an estimate for costs actually and reasonably incurred by DEQ for preparation and negotiation of this Agreement and an

Deleted: DRAFT ... [45]
Deleted: PGE PGE ... [46]
Deleted: [month]
Formatted ... [47]
Deleted: q
Deleted: Quarte
Formatted ... [48]
Deleted: month
Deleted: r
Deleted: PGE
Deleted: [tenth (10th) ... [49]
Formatted ... [50]
Deleted: tenth (10th) d ... [51]
Formatted ... [52]
Deleted: month
Deleted: [month]
Deleted: quart
Deleted: month
Formatted ... [53]
Formatted ... [54]
Deleted: [month]
Formatted ... [55]
Formatted ... [56]
Deleted: month
Deleted: PGE
Deleted: [month]
Deleted: month
Formatted ... [57]
Deleted: [month]
Deleted: month
Formatted ... [58]
Deleted: Page Break
Formatted ... [59]
Deleted: Up
Formatted ... [60]
Deleted: 1.
Deleted: Prior to
Deleted: PGE
Deleted: n estimate of ... [61]
Formatted ... [62]
Deleted: Portland Gener ... [63]
Deleted: y REVISED ... [64]
Deleted: DRAFT
Deleted: 12/20/1999

SCHN00332813

estimate of future DEQ oversight costs associated with Schnitzer's implementation of this Agreement.

3. DEQ shall submit to Schnitzer a monthly statement of costs incurred after issuance of this Agreement by DEQ in connection with oversight of Schnitzer's implementation of this Agreement. Each invoice will include a summary of costs billed to date. DEQ's invoice for direct costs will include a direct labor summary showing the persons charging time, the amount of time, and the nature of the work performed.

3. DEQ or State of Oregon oversight costs payable by Schnitzer shall include both direct and indirect costs. Direct costs shall include site-specific expenses, DEQ contractor costs, and DEQ legal costs. Indirect costs shall include those general management and support costs of the DEQ and of the applicable administering division (e.g. Waste Prevention and Management Division, Environmental Cleanup Division, Northwest Region) that are allocable to DEQ oversight of this Agreement and not charged as direct, site-specific costs. Indirect costs shall be based on a percentage of direct personal service costs. DEQ oversight costs also shall include the surcharge required by ORS 465.333.

4. Within thirty (30) days of receipt of a DEQ statement, Schnitzer shall pay the amount of costs billed by check made payable to the "State of Oregon, Hazardous Substance Remedial Action Fund". Schnitzer shall pay simple interest of 9% per annum on the unpaid balance of any oversight costs, which interest shall begin to accrue at the end of the 30-day payment period.

K. Force Majeure

1. If any event occurs that is beyond Schnitzer's reasonable control and that causes or might cause a delay or deviation in performance of the requirements of this Agreement, Schnitzer shall promptly notify DEQ's Project Manager verbally of the cause of the delay or deviation and its anticipated duration, the measures that have been or will be taken to prevent or minimize the delay or deviation, and the timetable by which Schnitzer proposes to carry out such measures. Schnitzer shall confirm in writing this information within five (5) working days of the verbal notification.

Deleted: . . DRAF
Deleted: T
Formatted
Formatted
Deleted: [Note: Does DEQ want to do this? This paragraph was not in the original boilerplate sent to Schnitzer. Joan's boilerplate may be outdated.]¶
¶
Deleted:
Formatted
Formatted: Bullets and Numbering
Formatted
Formatted
Formatted
Deleted: by DEQ
Deleted: PGE
Formatted
Deleted: 2
Deleted: PGE
Deleted: [
Formatted
Formatted
Deleted: and] Environme ... [65]
Deleted: ¶ ... [66]
Deleted: 3
Formatted
Deleted: a DEQ
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: Portland Gener ... [67]
Deleted: y
Deleted: REVISED
Deleted: DRAFT
Deleted: 12/20/1999

SCHN00332814

2. If Schnitzer demonstrates to DEQ's satisfaction that the delay or deviation has been or will be caused by circumstances beyond the reasonable control and despite the due diligence of Schnitzer, DEQ shall extend times for performance of related activities under this Agreement as appropriate. Circumstances or events beyond Schnitzer's control might include but are not limited to acts of God, unforeseen strikes or work stoppages, fire, explosion, riot, sabotage, or war. Increased cost of performance or changed business or economic circumstances shall be presumed not to be circumstances beyond Schnitzer's reasonable control.

L. Prior Approval

Where DEQ review and approval is required for any plan or activity under this Agreement, Schnitzer shall not proceed to implement the plan or activity until DEQ approval is received. Any DEQ delay in granting or denying approval shall correspondingly extend the time for completion by Schnitzer. Prior approval shall not be required in emergencies where Schnitzer reasonably believes a delay in undertaking a particular action will threaten human health, safety, or the environment; provided that Schnitzer notifies DEQ of the emergency and action as soon as is practicable.

M. Dispute Resolution

In the event of disagreement between Schnitzer and DEQ regarding implementation of this Agreement, Schnitzer and DEQ shall, in the following order: 1) make a good faith effort to resolve the dispute between Project Managers; 2) if necessary, refer the dispute for resolution by the immediate supervisors of the Project Managers; 3) if necessary, provide each other their respective positions in writing and refer the dispute for resolution by DEQ's Administrator of the Waste Prevention and Management Division or the appropriate Region Administrator and Schnitzer's Project Manager; and 4) if necessary, refer the dispute for resolution by DEQ's Director and Schnitzer's (DIRECTOR'S COUNTERPART). DEQ's final decision after such dialogue shall be enforceable under this Agreement. The time required for dispute resolution shall correspondingly extend Schnitzer's schedule for all pending, affected deliverables or activities.

N. Enforcement of Agreement and Reservation of Rights

Deleted: . . DRAF
Deleted: T
Deleted: PGE
Formatted
Deleted: PGE
Deleted: PGE
Deleted: PGE
Formatted
Deleted: PGE
Deleted:
Deleted: PGE
Formatted
Formatted
Formatted
Deleted: shall
Formatted
Deleted: y
Deleted: after the emergency or activity
Formatted
Deleted: PGE
Deleted: PGE
Deleted: [
Formatted
Formatted
Deleted: and] Environmental
Deleted: Waste Management and
Deleted: Cleanup
Deleted: PGE
Deleted: [Note: Joan referenced NW Natural language, which is broader. What is justification for giving other PRPs broader dispute resolution?]¶
Formatted
Deleted: Portland General Electric Compan
Deleted: y
Deleted: REVISED
Deleted: DRAFT
Deleted: 12/20/1999

SCHN00332815

1. In the event of Schnitzer's failure to comply with this Agreement (including any failure to reimburse oversight costs), DEQ may enforce this Agreement as an order under ORS 465.260(5) or may terminate this Agreement after thirty (30) days written notice to Schnitzer.

2. In the event of DEQ's failure to provide oversight in accordance with this Agreement, Schnitzer may terminate this Agreement after thirty (30) days written notice to DEQ. Costs incurred or obligated by DEQ before the effective date of any termination of this Agreement shall be owed under the Agreement notwithstanding such termination.

3. Schnitzer does not admit any facts (including those recited herein), legal issues, liability, or violation of law by virtue of entering this Agreement.

4. Except as otherwise provided in Subsection II.O., nothing in this Agreement shall prevent Schnitzer from exercising any rights of contribution or indemnification Schnitzer might have against any person, including the State of Oregon, regarding the release(s) of hazardous substances that are the subject of this Agreement; provided Schnitzer waives any right it might have under ORS 465.260(7) to seek reimbursement from the Hazardous Substance Remedial Action Fund for costs incurred under this Agreement.

5. Schnitzer agrees not to litigate, in any proceeding brought by DEQ to enforce this Agreement, any issue other than Schnitzer's or DEQ's compliance with this Agreement.

6. The PEO site is part of the Portland Harbor which was listed on the federal National Priority List (NPL) site in December 2000, and DEQ agrees to cooperate with Schnitzer to encourage EPA to accept the satisfactory and complete performance under any subsequently issued EPA Agreement on Consent, Order or Consent Decree. If EPA does not agree that such performance under this Agreement fulfills the EPA-imposed obligations, the Agreement may be modified pursuant to Subsection II.Q. or terminated at the election of DEQ or Schnitzer.

O. Hold Harmless

1. Schnitzer shall save and hold harmless the State of Oregon and its commissions, agencies, officers, employees, contractors, and agents, and indemnify the foregoing, from and against any and all claims arising from acts or omissions

Deleted: . . DRAF
Deleted: T
Deleted: PGE
Formatted
Deleted: PGE
Deleted: PGE
Deleted:
Deleted: PGE
Formatted
Deleted: or
Formatted
Formatted
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: . 5. .
Formatted: Bullets and Numbering
Deleted: PGE
Deleted: PGE
Formatted
Formatted
Formatted
Formatted
Formatted
Formatted
Formatted
Formatted
Formatted
Formatted
Formatted
Deleted: PGE
Deleted: Portland General Electric Compan
Deleted: y
Deleted: *REVISED*
Deleted: *DRAFT*
Deleted: *12/20/1999*

SCHN00332816

related to this Agreement of Schnitzer or its officers, employees, contractors, agents, receivers, trustees, or assigns. DEQ shall not be considered a party to any contract made by Schnitzer or its agents in carrying out activities under this Agreement.

2. To the extent permitted by Article XI, Section 7, of the Oregon Constitution and by the Oregon Tort Claims Act, the State of Oregon shall save and hold harmless Schnitzer and its officers, employees, contractors, and agents, and indemnify the foregoing, from and against any and all claims arising from acts or omissions related to this Agreement of the State of Oregon or its commissions, agencies, officers, employees, contractors, or agents (except for acts approving or omissions constituting approval of any activity of Schnitzer under this Agreement). Schnitzer shall not be considered a party to any contract made by DEQ or its agents in carrying out activities under this Agreement.

P. Parties Bound

This Agreement shall be binding on the parties and their respective successors, agents, and assigns. The undersigned representative of each party certifies that he or she is fully authorized to execute and bind such party to this Agreement. No change in ownership or corporate or partnership status relating to the facility shall in any way alter Schnitzer's obligations under this Agreement, unless otherwise approved in writing by DEQ.

Q. Modification

DEQ and Schnitzer may modify this Agreement by mutual written agreement.

R. Duration and Termination

Upon completion of work under this Agreement, Schnitzer shall submit to DEQ a written notice of completion. This Agreement shall be deemed satisfied and terminated upon payment of all oversight costs owed and upon DEQ's issuance of a letter acknowledging satisfactory completion of activities in accordance with this Agreement. Such letter shall be issued within sixty (60) days of receipt of notice of completion evidencing satisfactory completion of activities in accordance with this Agreement and payment of outstanding DEQ oversight costs, or as soon thereafter as is reasonably practicable. In the event that

Deleted: . . DRAF
Deleted: T
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Deleted: PGE
Formatted
Deleted: a
Deleted: Portland General Electric Compan
Deleted: y
Deleted: REVISED
Deleted: DRAFT
Deleted: 12/20/1999

DEQ is unable to issue such letter within sixty days of receipt of Schnitzer's written notice of completion, DEQ shall provide Schnitzer with a written schedule upon which DEQ anticipates review of Schnitzer's work and issuance of that letter.

Schnitzer Investment Corp.

By: _____ Date: _____
(Name)

_____
(Title)

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY

By: _____ Date: _____
(Name)

_____
(Title)

KBB/GEN30415

Deleted: . . DRAF
Deleted: T
Deleted: Page Break
Formatted
Deleted: Portland General Electric Company
Formatted
Deleted: Portland General Electric Compan
Deleted: y
Deleted: REVISED
Deleted: DRAFT
Deleted: 12/20/1999

SCHN00332818

D. Beginning in 1973, PGE started the operation of a substation at the facility. In 1973, PGE added an electrical switchyard and radio communications station to the site. Beginning in 1972, PGE brought four turbine powered electrical generators to the facility. Two 4.2 million-gallon diesel fuel above ground storage tanks were constructed to store fuel for the generators. The generators operated intermittently from 1973 to 1980. The generators operated for a total of 5,252 hours, of which 630 hours were on diesel fuel and 4,622 were on natural gas. Since 1988, PGE has stored new and surplus electrical equipment onsite that may contain polychlorinated biphenyls (PCBs). In 1992, PGE stared to store new pentatchlorophenol treated wood poles on the southern portion of the site. In 1996, PGE began storing PCB containing capacitors in the site's former turbine power plant maintenance building.

E. According to PGE, minor releases of oil and PCBs have occurred periodically and have subsequently been cleaned up at the site. On May 30, 1986, a diesel oil release (~1 gallon) was reported by PGE in the lowland adjacent to the Harborton facility. At the time of the spill, the gas turbine plant had been disassembled and removed from the Haborton site. The large diesel storage tanks had been emptied, and the fuel transfer pump (the reported source of the apparent oil spill) had permanently ceased operation.

F. The following contaminants were detected in sediment samples collected adjacent to the PGE Harborton site at concentrations exceeding baseline concentrations established for the Portland Harbor Study Area: cadmium, mercury, nickel, thallium, zinc, 2-methylnaphthalene, carbazole, dibenzofuran, pentachlorophenol, and high and low molecular weight polycyclic aromatic hydrocarbons. High and low molecular weight polycyclic aromatic hydrocarbons were detected at concentrations more than twenty times baseline concentrations.

Page Break

G. The substances described in this section are "hazardous substances" under ORS 465.200(9). The presence of hazardous substances in sediments adjacent the facility constitutes a "release" or "threat of release" into the environment under ORS 465.200(14). The PGE Harborton Substation (PGE Harborton) site is a "facility" under ORS 465.200(6).

DEQ considers the activities required by this Agreement to be necessary to protect public health, safety, and welfare and the environment.

Page 3: [3] Deleted michael grant@credit_bank@doj 2/25/2000 11:42:00 AM

that warrants removal action under OAR 340-122-0070 as

Page 3: [4] Deleted wrc@ptld_general@doj 2/24/2000 4:46:00 PM

represents a threat to human health or the environment

Page 2: [5] Deleted wrc@ptld_general@doj 2/23/2000 9:07:00 AM

DRAF

Page 2: [5] Deleted wrc@ptld_general@doj 2/23/2000 9:06:00 AM

T

Page 4: [6] Formatted wrc@ptld_general@doj 2/23/2000 9:13:00 AM

Formatted

Page 4: [6] Formatted wrc@ptld_general@doj 2/23/2000 9:14:00 AM

Formatted

Page 4: [7] Deleted rolf moan@appellate@doj 2/17/2000 12:58:00 PM

shall

Page 4: [7] Deleted rolf moan@appellate@doj 2/17/2000 12:58:00 PM

y

Page 4: [7] Deleted rolf moan@appellate@doj 2/17/2000 11:18:00 AM

after the emergency or activity.

Page 4: [8] Formatted wrc@ptld_general@doj 2/23/2000 9:14:00 AM

Formatted

Page 4: [8] Formatted wrc@ptld_general@doj 2/23/2000 9:15:00 AM

Formatted

Page 4: [9] Deleted wrc@ptld_general@doj 2/23/2000 9:16:00 AM

[DEQ shall grant approval if [NAME OF PARTY] demonstrates to DEQ either that: (a) the sediments to be affected are not contaminated with hazardous substances above baseline values; or (b) the activity will be consistent with the Portland Harbor Sediment Management Plan and DEQ sediment investigations and will be conducted in a manner protective of human health and the environmen

Page 4: [10] Formatted wrc@ptld_general@doj 2/23/2000 9:16:00 AM

Formatted

Page 4: [10] Formatted wrc@ptld_general@doj 2/23/2000 9:17:00 AM

Formatted

Page 4: [10] Formatted wrc@ptld_general@doj 2/23/2000 9:17:00 AM

Formatted

Page 4: [10] Formatted wrc@ptld_general@doj 2/23/2000 9:17:00 AM

Formatted

Page 4: [10] Formatted wrc@ptld_general@doj 2/23/2000 9:17:00 AM

Formatted

Page 4: [10] Formatted wrc@ptld_general@doj 2/23/2000 9:17:00 AM

Formatted

Page 4: [10] Formatted wrc@ptld_general@doj 2/23/2000 9:17:00 AM

Formatted

Page 4: [11] Deleted wrc@ptld_general@doj 2/18/2000 11:58:00 AM

ould

Page 4: [11] Deleted wrc@ptld_general@doj 2/23/2000 9:17:00 AM

Page 4: [12] Deleted rolf moan@appellate@doj 2/17/2000 11:27:00 AM

N

Page 4: [12] Deleted rolf moan@appellate@doj 2/17/2000 11:28:00 AM

otification shall be concurrent with

Page 4: [12] Deleted rolf moan@appellate@doj 2/17/2000 12:52:00 PM

and

Page 2: [13] Deleted State of Oregon 1/26/2000 2:35:00 PM

Portland General Electric Compan

Page 2: [14] Deleted State of Oregon 1/26/2000 2:35:00 PM

y

Page 2: [14] Deleted State of Oregon 1/26/2000 2:35:00 PM

REVISED

Page 2: [15] Deleted wrc@ptld_general@doj 2/23/2000 9:07:00 AM

DRAF

Page 2: [15] Deleted wrc@ptld_general@doj 2/23/2000 9:06:00 AM

T

Page 5: [16] Deleted rolf moan@appellate@doj 2/17/2000 11:29:00 AM

permit application process.

Page 5: [17] Deleted wrc@ptld_general@doj 2/18/2000 1:43:00 PM

conjunction with any application for a new

Page 5: [18] Formatted rolf moan@appellate@doj 2/17/2000 11:39:00 AM

Formatted

Page 5: [19] Deleted wrc@ptld_general@doj 2/18/2000 1:43:00 PM

[NAME of PARTY] shall:

Page 5: [20] Deleted State of Oregon 2/11/2000 3:10:00 PM

DEQ shall grant approval if PGE demonstrates to DEQ either that:

Page 5: [21] Deleted State of Oregon 2/11/2000 3:10:00 PM

sediments to be affected are not contaminated with

Page 5: [22] Deleted wrc@ptld_general@doj 2/18/2000 1:43:00 PM

hazardous substances present in the affected sediments

Page 5: [23] Deleted State of Oregon 2/11/2000 3:11:00 PM

above baseline values

Page 5: [24] Deleted wrc@ptld_general@doj 2/18/2000 1:43:00 PM

(b) Demonstrate that the activity will be consistent with the Portland Harbor Sediment Management Plan

Page 5: [25] Formatted rolf moan@appellate@doj 2/17/2000 11:39:00 AM

Formatted

Page 5: [26] Deleted rolf moan@appellate@doj 2/17/2000 11:40:00 AM

; (c) demonstrate that the activity

Page 5: [27] Deleted State of Oregon 2/17/2000 8:30:00 AM

and DEQ sediment investigations and

Page 5: [28] Deleted wrc@ptld_general@doj 2/18/2000 1:43:00 PM

and conducted in a manner protective of human health and the environment; and (c

Page 5: [29] Formatted rolf moan@appellate@doj 2/17/2000 11:39:00 AM

Formatted

Page 5: [30] Formatted rolf moan@appellate@doj 2/17/2000 11:39:00 AM

Formatted

Page 5: [31] Deleted wrc@ptld_general@doj 2/18/2000 1:43:00 PM

) Evaluate the effect of the activity on the RI and the Portland Harbor RI/FS.

Page 5: [32] Deleted wrc@ptld_general@doj 2/23/2000 9:04:00 AM

[Eric/Mike: Is notification enough on existing permits? Do we just want them to evaluate the effect on the RI or demonstrate it will be consistent/not interfere with RI? Does RP need to demonstrate consistency/protectiveness if affected sediments are below baseline?]

Page 5: [33] Formatted rolf moan@appellate@doj 2/17/2000 12:08:00 PM

Formatted

Page 5: [33] Formatted rolf moan@appellate@doj 2/17/2000 12:08:00 PM

Formatted

Page 5: [34] Deleted State of Oregon 1/26/2000 2:39:00 PM

PGE

Page 5: [34] Deleted State of Oregon 1/26/2000 2:39:00 PM

PGE

Page 5: [35] Formatted wrc@ptld_general@doj 2/23/2000 9:19:00 AM

Formatted

Page 5: [36] Deleted wrc@ptld_general@doj 2/23/2000 9:19:00 AM

and move freely about]

Page 5: [37] Deleted State of Oregon 2/17/2000 8:30:00 AM

(with the exception of engerized substations)

Page 5: [37] Deleted State of Oregon 1/26/2000 2:39:00 PM

PGE

Page 5: [37] Deleted State of Oregon 1/26/2000 2:39:00 PM

PGE

Page 5: [37] Deleted State of Oregon 2/17/2000 8:31:00 AM

After DEQ has complied with Public Utility Commission requirements, PGE will allow DEQ access energized substations.

Page 5: [38] Formatted wrc@ptld_general@doj 2/23/2000 9:19:00 AM

Formatted

Page 5: [39] Formatted rolf moan@appellate@doj 2/17/2000 12:12:00 PM

Formatted

Page 5: [40] Formatted wrc@ptld_general@doj 2/23/2000 9:19:00 AM

Formatted

Page 5: [41] Formatted wrc@ptld_general@doj 2/23/2000 9:19:00 AM

Formatted

Page 5: [42] Formatted rolf moan@appellate@doj 2/17/2000 12:11:00 PM

Formatted

Page 2: [43] Deleted State of Oregon 1/26/2000 2:35:00 PM

Portland General Electric Compan

Page 2: [44] Deleted State of Oregon 1/26/2000 2:35:00 PM

y

Page 2: [44] Deleted State of Oregon 1/26/2000 2:35:00 PM

REVISED

Page 2: [45] Deleted wrc@ptld_general@doj 2/23/2000 9:07:00 AM

DRAF

Page 2: [45] Deleted wrc@ptld_general@doj 2/23/2000 9:06:00 AM

T

Page 8: [46] Deleted State of Oregon 1/26/2000 2:39:00 PM

PGE

Page 8: [46] Deleted State of Oregon 1/26/2000 2:39:00 PM

PGE

Page 8: [47] Formatted wrc@ptld_general@doj 2/23/2000 9:23:00 AM

Formatted

Page 8: [48] Formatted wrc@ptld_general@doj 2/23/2000 9:23:00 AM

Formatted

Page 8: [49] Deleted wrc@ptld_general@doj 2/23/2000 9:23:00 AM

[tenth (10th) day of each month]

Page 8: [50] Formatted rolf moan@appellate@doj 2/17/2000 12:19:00 PM

Formatted

Page 8: [51] Deleted **State of Oregon** **2/15/2000 4:33:00 PM**

tenth (10th) day of each

Page 8: [52] Formatted **wrc@ptld_general@doj** **2/23/2000 9:23:00 AM**

Formatted

Page 8: [53] Formatted **wrc@ptld_general@doj** **2/23/2000 9:23:00 AM**

Formatted

Page 8: [54] Formatted **wrc@ptld_general@doj** **2/23/2000 9:23:00 AM**

Formatted

Page 8: [55] Formatted **rolf moan@appellate@doj** **2/17/2000 12:21:00 PM**

Formatted

Page 8: [56] Formatted **wrc@ptld_general@doj** **2/23/2000 9:24:00 AM**

Formatted

Page 8: [57] Formatted **wrc@ptld_general@doj** **2/23/2000 9:25:00 AM**

Formatted

Page 8: [58] Formatted **wrc@ptld_general@doj** **2/23/2000 9:25:00 AM**

Formatted

Page 8: [59] Formatted **wrc@ptld_general@doj** **2/23/2000 9:25:00 AM**

Formatted

Page 8: [59] Formatted **wrc@ptld_general@doj** **2/23/2000 9:25:00 AM**

Formatted

Page 8: [60] Formatted **wrc@ptld_general@doj** **2/23/2000 9:25:00 AM**

Formatted

Page 8: [60] Formatted **wrc@ptld_general@doj** **2/23/2000 9:25:00 AM**

Formatted

Page 8: [61] Deleted **rolf moan@appellate@doj** **2/17/2000 12:25:00 PM**

n

Page 8: [61] Deleted **rolf moan@appellate@doj** **2/17/2000 12:25:00 PM**

estimate of costs incurred by DEQ to date and an estimate of future DEQ costs. Upon Entry of this Agreement, DEQ shall submit a

Page 8: [62] Formatted **wrc@ptld_general@doj** **2/23/2000 9:26:00 AM**

Formatted

Page 8: [62] Formatted **wrc@ptld_general@doj** **2/23/2000 9:26:00 AM**

Formatted

Page 2: [63] Deleted **State of Oregon** **1/26/2000 2:35:00 PM**

Portland General Electric Compan

Page 2: [64] Deleted **State of Oregon** **1/26/2000 2:35:00 PM**

y

Page 2: [64] Deleted **State of Oregon** **1/26/2000 2:35:00 PM**

REVISED

Page 9: [65] Deleted **wrc@ptld_general@doj** **2/18/2000 11:29:00 AM**

and] Environmental Cleanup

Page 9: [66] Deleted **wrc@ptld_general@doj** **2/23/2000 9:05:00 AM**

Page 2: [67] Deleted **State of Oregon** **1/26/2000 2:35:00 PM**

Portland General Electric Compan

BRIDGEWATER GROUP, INC.
4500 SW KRUSE WAY; STE 110
LAKE OSWEGO, OR 97035
TEL: (503) 675-5252
FAX: (503) 675-1960

December 28, 2001

Ms. Alicia C. Voss
Department of Environmental Quality
Northwest Regional Office
2020 SW Fourth Avenue, 4th Floor
Portland, OR 97201

Subject: Preliminary Results – Geoprobe Investigation
Time Oil – Bell Terminal facility, western area

Dear Alicia:

As required by Section 4.3 of the DEQ-approved Remedial Investigation/Feasibility Study Scope of Work for the Premier Edible Oils site, Schnitzer Investment Corp's consultants Bridgewater Group, Inc (Bridgewater) and URS conducted an initial Geoprobe™ sampling program on the western portion of Time Oil's Bell Terminal facility. On October 9 and 10, soil and groundwater samples were obtained from seven locations and the preliminary results of the Bell Terminal investigation are submitted with this letter, which has been prepared on behalf of Schnitzer Investment Corp (SIC). Specifically, we are providing the DEQ with:

(1) data tables (detections only; non-validated); and

(2) groundwater chemistry maps.

Tables 1 through 8 and Figures 1 through 7 are attached to this letter. Each table/figure is numbered and references to specific figures are identified in the following text. A complete and validated data package will be provided as part of the Remedial Investigation Report and Risk Assessment, however the unvalidated data package can be provided to the DEQ at an earlier date, upon request. Boring logs will also be provided as part of the Remedial Investigation Report, but could also be provided at an earlier date, upon request.

This letter and the attached material are being provided to the DEQ to facilitate discussion between DEQ, Time Oil, and SIC on the need for additional characterization within the western portion of the Bell Terminal facility (either the drilling of additional Geoprobe borings and associated soil/groundwater samples or the installation of monitoring wells or both).

Background

The general site location is presented on Figure 1. Figure 2 identifies the approximate location of the former Bell Terminal pipeline; the former PEO above-ground diesel storage tanks; and the concrete retaining wall that surrounds the Bell Terminal tank farm. Figure 3 identifies the locations of Geoprobe™ borings. The various sampling locations are labeled using the nomenclature presented in the April 2001 Sampling and Analysis Plan. Figure 3 also identifies the features shown in Figure 2, plus the existing single-story office along the Premier Edible Oils/Time Oil property boundary.

The physical and chemical data obtained from the Bell Terminal investigation are summarized in the following sections.

Geologic Conditions

Geologic information from URS' field notes indicates the following conditions are present on the western portion of the Bell Terminal facility:

- sandy material is present from ground surface to a depth of approximately 18 to 20 feet below ground surface (bgs).
- a continuous silt/clay aquitard was encountered at all boring locations at a depth of approximately 18 to 20 feet below ground surface.
- unsaturated soil conditions were present above the silt/clay layer at two boring locations: GP-BLT-58 and GP-FPL-64.

All borings were terminated within the silt/clay aquitard; no soil or groundwater samples were taken below depths of 20 feet bgs to maintain the intergrity of the confining geologic unit.

Shallow Groundwater Chemistry Maps

Groundwater sampling results, presented as non-validated detections, are provided in Tables 1 through 4 for gasoline range hydrocarbons, diesel range hydrocarbons, VOCs, and PAHs, respectively. The detected groundwater concentrations for gasoline range hydrocarbons, the diesel range hydrocarbons, VOCs, and PAHs are presented on Figures 4, 5, 6, and 7 respectively. These figures also incorporate Bridgewater Group's 1998 Geoprobe™ and 2001 Second Quarter Groundwater Well monitoring data for the central and eastern portions of the PEO site, in addition to the October 2001 Bell Terminal Geoprobe™ sampling results. These additional data are included to provide a preliminary assessment of groundwater conditions within the general vicinity of the PEO/Bell Terminal property boundary. However, there is variation in the measured concentrations between Geoprobe™ samples and monitoring well samples that introduces some level of uncertainty when comparing the analytical results.

Each figure is summarized as follows:

- Figure 4 illustrates that the highest detection of gasoline range hydrocarbons occurred along the southern portion of the concrete wall (location GP-BLT-61). The gasoline range hydrocarbons decreased with distance away from the former Bell Terminal pipeline, with the exception of location GP-BLT-61. The gasoline range hydrocarbons present at GP-BLT-61 are upgradient, given a southwesterly groundwater flow direction, of the detected gasoline range hydrocarbons at GW-60. Given that location GP-BLT-61 is upgradient of location GW-60, the source associated with the hydrocarbons present at location GP-BLT-61 is likely present on the Bell Terminal property.
- Figure 5 illustrates that the highest detection of diesel range hydrocarbons occurred along the Bell Terminal/Premier Edible Oils property boundary, adjacent to the one-story office building (location GP-BLT-63). The highest detection along the Bell Terminal concrete wall occurred adjacent to the former Bell Terminal pipeline (location GP-BLT-56). The diesel range hydrocarbons present at these two locations are upgradient of the diesel range hydrocarbons present at MW-4. Given the two locations are upgradient of MW-4, the source associated with the hydrocarbons present at locations GP-BLT-63 and GP-BLT-56 is likely present on the Bell Terminal property.
- Figure 6 presents volatile organic compound concentrations (VOCs) detected in shallow groundwater. These concentrations, ranging from 31 to 230 μg/L, are generally consistent with the gasoline range hydrocarbons presented in Figure 4, although the highest total VOC concentration occurred at location GP-BLT-56 (whereas the the highest gasoline range hydrocarbons were detected at location GP-BLT-61).
- Figure 7 indicates that both non-carcinogenic and carcinogenic PAHs, consistent with the detections of diesel range hydrocarbons, are present at most sampling locations.

The elevated concentration of detected diesel range hydrocarbons at location GP-BLT-63, coupled with the detection of carcinogenic PAHs (which have solubilities at or below the detection limits), suggests that non-aqueous phase liquid (NAPL) may be present at this location. There is NAPL material present at MW-4, which is downgradient of GP-BLT-63; the NAPL at MW-4 is diesel, as described in Bridgewater's September 7, 2001 letter report to DEQ titled ***Preliminary Results- Remedial Investigation, Premier Edible Oils Site***.

Unsaturated soil conditions were encountered at locations GP-BLT-58 and GP-FPL-64. No groundwater samples were obtained and there were no indications of a smear zone (i.e. – there were no visual indications of petroleum hydrocarbons nor were there elevated PID readings).

Soil Chemistry Tables

Soil samples were collected from depth intervals where there were visual indications of contamination and elevated photoionization detector (PID) readings. Soil samples were collected at depths of approximately 16 to 20 feet bgs, from the capillary fringe or smear zone. Soil data are presented in Tables 4 through 8.

The soil data are consistent with and confirm the groundwater analytical results for diesel range hydrocarbons, gasoline range hydrocarbons, VOCs, and PAHs.

Next Steps

Bridgewater Group, in its September 7, 2001 letter report to DEQ titled ***Preliminary Results- Remedial Investigation, Premier Edible Oils Site*** identified the following actions to be completed as part of the Remedial Investigation Scope of Work:

- Soil and groundwater sampling of the Time Oil - Bell Terminal property was a top priority to address source-related questions and refine the extent of petroleum contamination along the eastern boundary of the PEO site. If petroleum hydrocarbons were not detected on the western side of the Bell Terminal concrete wall, Bridgewater Group proposed to conduct additional borings along the former Time Oil Bell Terminal pipeline on both the Bell Terminal and PEO properties. ***Next Step:*** *While both gasoline-range and diesel-range hydrocarbons were detected upgradient of the Bell Terminal/PEO property boundary, no further characterization-related sampling on behalf of SIC is proposed for the western portion of Bell Terminal.*

- A deep monitoring well should be installed on the western portion of the Time Oil - Bell Terminal property to ascertain the regional presence of petroleum hydrocarbons and provide another sampling point for groundwater levels in this zone. ***Next step:*** *Install a deep monitoring well in the vicinity of GP-BLT-56 to ascertain the regional presence of petroleum hydrocarbons and provide another sampling point for groundwater levels in this zone.*

We are ready to discuss this preliminary remedial investigation data and our recommended next steps with you at your earliest convenience. Please contact Jim Jakubiak (502-286-6976) to establish a meeting date and time.

Sincerely,

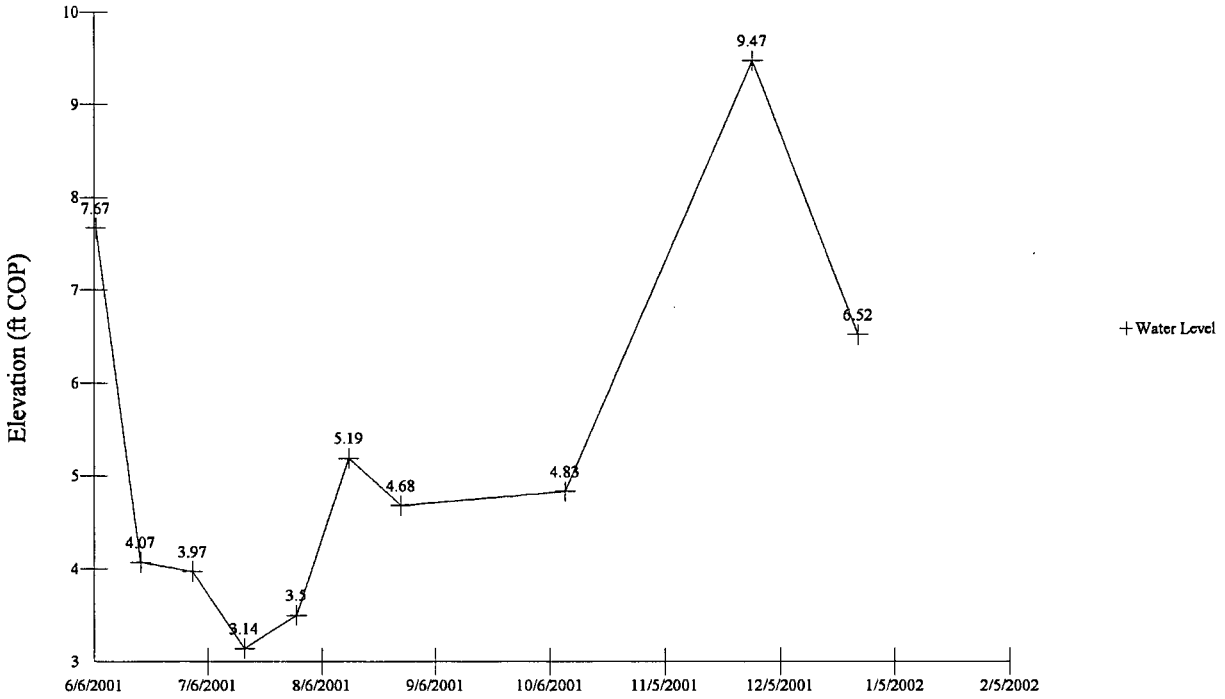
BRIDGEWATER GROUP, INC.

Bill Cobb
Vice President

Cc: Jim Brown/James C. Brown & Associates
Jim Jakubiak/SIC
Don Coberley/URS

Attachments: Tables
Figures

STAFF-GAGE



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332872

James C. Brown & Associates, P.C.

Law Offices

Post Office Box 31
Marylhurst, Oregon 97036
Telephone: (503) 557-2245
FAX: (503) 557-0377
E-mail: jcbrownpc@msn.com

May 14, 2001

Alicia Voss
Northwest Region
Department of Environmental Quality
Voluntary Cleanup Program
2020 SW Fourth Avenue, Suite 400
Portland, OR 97201-4987

Re: Premier Edible Oil Site
Revisions to VCP Agreement and ATTACHMENT B

Dear Alicia:

Thank you for the forwarding the Department's April 16, 2001 comments to Schnitzer Investment Corp.'s (Schnitzer's) proposed changes to the Department's Draft VCP Agreement for the Premier Edible Oil Site (Agreement) and ATTACHMENT B to that Agreement, the Scope of Work for the Remedial Investigation/Feasibility Study and Source Control. Measures (SOW). We have reviewed the Department's changes and submit the following revisions for your consideration and incorporation in the documents. Assuming these revisions and other conditions are acceptable to the Department, Schnitzer is prepared to sign the Agreement.

Set forth below are our revisions to the Agreement followed by those to the SOW.

VCP Agreement:

1. Recitals Paragraph D
   The paragraph has been revised to more accurately reflect historical usage at the PEO Site and to eliminate potentially misleading inferences.

2. Recitals Paragraph F
   The PEO Site and the Burgard Industrial Park are two separate and distinct parcels; and, although they are in close proximity to one another physically there is no commonality of use and neither Schnitzer nor its affiliated entities have operated on the PEO Site. This is one of the primary reasons why Schnitzer choose not to accept the Department's initial offer to include the PEO Site as part of the Burgard Industrial Park's VCP Agreement and has sought to negotiate a separate VCP Agreement for

the PEO Site. Therefore, it is inappropriate for the Department to strive to amend the PEO Site Agreement recitals to include the list of Burgard Industrial Park contaminants; and, thereby create an inappropriate and wholly erroneous inference as to the contaminants and/or potential contaminant sources at the PEO Site. The contaminants currently known to be present at the PEO Site are listed.

If there is a potential link between the PEO Site and the Portland Harbor contaminants that link must be established by the contaminants actually found at the PEO Site and not by either an inappropriate inference or by reason of property ownership. Accordingly, the references to the Burgard Industrial Park have been deleted.

3. Section II Paragraph I
The proposed language for the Cultural Resources Section that was forwarded by Tom Roick has bee included. The draft language has been modified to include counsel within the litany of individuals the client may speak with about a discovery and to prevent the implied preclusion of the landowner from discussing the discovery with counsel (i.e., "any thirds party'), as the draft language appears to do.

4. Section II Paragraph J
Schnitzer is willing to pay the DEQ's past fees provided they do not include any DEQ costs associated with meetings the Department had with Premier Edible Oils or Time Oil, both of whom Schnitzer believes the Department should have required to complete at least a portion of this investigatory work, or for any portion of the Department's time attributable to the Portland Harbor Superfund Site. Prior to agreeing on the amount of past costs to be paid, the Department is to provide Schnitzer with a detailed itemization of the asserted $15,219.22 in past costs for Schnitzer's review and acceptance.

Contrary to the Department's April 16th e-mail, there is a logical disconnect in the Department's assertion that its costs are reasonable simply because Schnitzer requested a separate VCP agreement for the unrelated business activities at the PEO Site. Whether the Department's costs are reasonable is solely dependant upon how they relate to the Department's activities with the PEO Site as they relate to the Department's interactions with Schnitzer. If the Department has incurred costs at the PEO Site due to their interactions with Premier Edible Oils or Time Oil, the Department should seek to recover those costs from those entities and not from Schnitzer.

5. Section II Paragraph N. 6
The paragraph has been amended to complete the sentence fragment.

The attached redline Agreement contains both our comments to the latest DEQ version of the

Agreement and a "May 14, 2001 Revision" notation on the Footer of Page 1.

Attachment B – SOW

1. Page B-1, Schedule
   We do not understand why the Department has included the RI Proposal and DEQ Review & Comment provisions of the SOW's Schedule Section as we are already on the second draft of the RI/FS Work Plan. Accordingly, those subsections of the Schedule have been deleted.

2. Page B-2, Objectives, Section A
   The clause "and edible oils" has been added to include these substances within the scope of the work.

3. Page B-2, Objectives, Section B
   We have added "potentially" in front of relevant on line two of the paragraph in lieu of deleting "volatilization and dust entrapment" as those terms may not apply to site conditions and contaminants.

4. Page B-2, Objectives Section C
   We have added "and" between hazardous substances and edible oils on line two.

5. Page B-3, Section II, Remedial Investigation Proposal
   For the reasons set forth at #1 of the SOW Comments above, Section II for the RI Proposal Section has been deleted.

6. Page B-4, Section II, RI Work Plan, Paragraph B – Site Description
   The definition of "site" has been clarified to be consistent with the VCP Agreement.

7. Page B-5 Section III, RI Work Plan, Paragraph C. 3., Surface Water
   The Procedures section has been amended to clarify that the potential for releases of substances to the surface waters at the site are through storm water system; and to include the word "oils" after edible in Line 4.

8. Page B-7, Section III, RI Work Plan, C. 6, Identification of Current and Reasonably Likely Future Land and Water Use
   The Scope paragraph has been clarified to recognize previously completed work and minimize the need for duplicative work.

9. Page B-10, Section VII, Feasibility Study Work Plan
   The terminal clause of the Objective paragraph has been amended to replace "facility" with "PEO Site" to maintain consistency with the remainder of the SOW.

10. Page 12, Section VIII, Reports
    A new Paragraph D has been added to address the Feasibility Study Report.

The attached redline SOW contains both our comments to the latest DEQ version of the SOW and a "May 14, 2001 Revision" notation on the Footer of Page 1.

Lastly, notwithstanding Schnitzer's willingness to sign the negotiated version of this Agreement, as we have discussed previously Schnitzer is still troubled by the Department's decision not to included Premier Edible Oils and Time oil as parties to this Agreement. These concerns are heightened by the initial RI data obtained last week that confirmed the releases of edible oils, solvents and petroleum hydrocarbons at the PEO Site or petroleum hydrocarbons from adjacent properties that have migrated to the PEO Site. However, there is no new evidence of soil or groundwater impacts associated with the unearthing of the former Bell Terminal Pipeline in 1973. It is Schnitzer's firm opinion that the ongoing RI investigation will continue to confirm these initial findings and points to the inequity of the Department's decision to not include Premier Edible Oils and Time Oil as parties to the Agreement.

We look forward receiving the Department's comments regarding the enclosed revisions and/or meeting with the Department and Lynne Perry, DOJ, to negotiate any unresolved differences between our respective versions of the VCP Agreement and Scope of Work for the PEO Site. If you have any questions please call.

Sincerely,

James C. Brown

c (With Enclosures):
Lynne Perry, DOJ
Tom Zelenka, Schnitzer
Jim Jakubiak, Schnitzer
Bill Cobb, Bridgewater Group

VOLUNTARY AGREEMENT FOR UPLAND
REMEDIAL INVESTIGATION/FEASIBLITY STUDY AND SOURCE CONTROL MEASURES

DEQ NO. **ECDVC-NWR-01-06**

BETWEEN: **Schnitzer Investment Corp., (Schnitzer)** Deleted: oration

AND: **Oregon Department of Environmental Quality (DEQ)**

EFFECTIVE DATE: **April 1, 2001** Deleted: March 6,

Pursuant to ORS 465.260(2) and (4), the Director, Oregon Department of Environmental Quality (DEQ), enters this Agreement with Schnitzer Investment Corp., (Schnitzer). This Agreement contains the following provisions: Deleted: oration

	Page
I. Recitals	1
II. Agreement	3
A. Work	3
B. Public Participation	5
C. DEQ Access and Oversight	5
D. Project Managers	6
E. Notice and Samples	6
F. Quality Assurance	7
G. Records	7
H. Progress Reports	8
I. Other Applicable Laws	8
J. Reimbursement of DEQ Costs	8
K. Force Majeure	9
L. Prior Approval	10
M. Dispute Resolution	10
N. Enforcement of Agreement and Reservation of Rights	10
O. Hold Harmless	11
P. Parties Bound	12
Q. Modification	12
R. Duration and Termination	12

I. RECITALS

A. Schnitzer is a "person" under ORS 465.200(20).

B. The Premier Edible Oils (PEO) site, which belongs to Schnitzer, consists of the north and south parcels and occupies approximately 18.5 acres at 10400 N. Burgard Way, Portland, Oregon and is referred to hereinafter as the "PEO Site". A vicinity map and a site map are included as Figures 1 and 2 in

Attachment A to this Agreement, and are incorporated herein by reference. The PEO site does not include other adjoining property at 12005 N. Burgard Road that is also owned by Schnitzer and that is subject to a similar Voluntary Agreement For Remedial Investigation and Source Control Measures by Schnitzer.

C. The PEO Site is located within or near what is known as the Portland Harbor, a six-mile reach of the Willamette River between Sauvie Island and Swan Island. A 1997 study by DEQ and the U.S. Environmental Protection Agency identified elevated levels of hazardous substances in shallow, near-shore sediments throughout the Portland Harbor.

D. Schnitzer has owned, but not operated on, the PEO Site since 1972 and since then, the PEO site operations have included the processing, storing and shipping of edible oils and warehousing. Prior to 1972, the site was sequentially owned by several parties and used 1) by a chemical company, 2) as part of the World War II shipyards, and 3) for storage of bulk petroleum products. Site investigations have detected petroleum hydrocarbons, chlorinated solvents, and edible oils in site soil. Petroleum and chlorinated solvents have been detected in site groundwater. Petroleum product has been documented in a monitoring well near the southwest corner of the property, near the Willamette River.

E. Materials used and stored on the PEO Site included petroleum products, solvents, and edible oils. Wastes from the edible oil operation included wastewater, storm water, waste oils, spent catalysts and solvents, and solid wastes.

F. The following contaminants were detected at PEO Site in the limited sediment sampling work completed to date: heavy oil and PAHs. Investigations have also disclosed the following contaminants in the soil and groundwater at the PEO Site: gasoline, diesel fuel, heavy oils (i.e., edible oils), PAHs and VOCs.

The substances described in this section are "hazardous substances" under ORS 465.200(15), with the exception of edible oils. The presence of hazardous substances in soil, groundwater, and sediments at or near the site constitutes a "release" or "threat of release" into the environment under ORS 465.200(21). The PEO Site and the contaminated sediments at or near the PEO Site are a "facility" under ORS 465.200(12).

G. DEQ considers the activities required by this Agreement to be necessary to protect public health, safety, and welfare and the environment.

Deleted: site

Deleted: site

Deleted: edible oil

Deleted: shipping.

Deleted: Free-floating petroleum

Deleted: River and the ship fitting

Deleted: <#>slip.¶

Formatted: Bullets and Numbering

Deleted: site

Deleted: The PEO site is part of the Schnitzer Burgard Industrial Park.

Deleted: in sediment samples collected adjacent to the Schnitzer Burgard Industrial Park site (12005 N. Burgard Road) in1997 at concentrations exceeding baseline concentrations established for the Portland Harbor Study Area: antimony, arsenic, barium, cadmium, cobalt, copper, chromium, iron, manganese, lead, mercury, nickel, silver, zinc, organotins, bis (2-ethylhexl) phthalate, butylbenzlphthalate; carbazole, dibenzofuran, 2-methylnaphthylene, and low- and high- molecular weight polynuclear aromatic hydrocarbons (LPAHs and HPAHs, respectively). Concentrations of antimony, carbazole, dibenzofuran, mercury, zinc, LPAHs, and HPAHs were all more than twice their respective baseline values. Concentrations of organotins at one sediment sample location were more

Deleted: than 150 times the baseline value.

Deleted: contamination of

Deleted: Site.

Deleted: .

Deleted: site

Deleted: site

II. AGREEMENT

The parties agree as follows:

A. Work

1. Remedial Investigation

Schnitzer shall perform a remedial investigation satisfying OAR 340-122-0080, the terms and schedule of a DEQ approved work plan developed by Schnitzer, and applicable elements of the Scope of Work contained in Attachment B to this Agreement. Schnitzer may specify, in the proposed work plan, elements of the Scope of Work that Schnitzer considers inapplicable or unnecessary to the remedial investigation/feasibility study for the PEO site. Schnitzer may propose to perform the work in phases or operable units.

Deleted: investigation

Deleted: facility

2. Source Control Measures

For any unpermitted discharge or migration of contaminants to the Willamette River or sediments identified in the remedial investigation, Schnitzer shall evaluate such discharge or migration through a focused feasibility study, and then develop and implement source control measures in accordance with the Scope of Work.

Deleted: the

Deleted: migration,

3. Feasibility Study

Schnitzer shall perform a feasibility study satisfying OAR-340-122-090, using the terms and schedule of a DEQ-approved work plan developed by Schnitzer, and the applicable elements of the Scope of Work contained in Attachment B to this Agreement.

4. DEQ-Review

DEQ shall provide review, approvals/disapprovals, and oversight in accordance with the schedule set forth in the Scope of Work, or as soon as thereafter practicable in the event staff resources or workload prevent compliance with the schedule. Any DEQ delay shall correspondingly extend Schnitzer's schedule for a related deliverable or activity.

5. Additional Measures

Deleted: 14

Deleted: 14

Deleted: 14

SCHN00332880

Schnitzer may elect at any time during the term of this Agreement to undertake remedial measures other than those required under this Agreement necessary to address a release or threatened release of hazardous substances at the facility. Such other measures shall be subject to prior approval by DEQ. Prior approval shall not be required in emergencies where Schnitzer reasonably believes a delay in undertaking a particular action will threaten human health, safety, or the environment; provided that Schnitzer notifies DEQ of the emergency and action as soon as is practicable.

6. Dredging Activities

Schnitzer shall notify the DEQ project manager at least sixty (60) days before undertaking any dredging or other activity that might disturb sediments at or near the PEO site. In its notice of dredging or other activity, Schnitzer shall: (a) Evaluate the concentration of hazardous substances present in and below the affected sediments based on sampling and analyses performed in advance of the notice; (b) Document the steps to be taken to ensure that both the activity and the subsequent management and disposal of dredged spoils will be conducted in a manner protective of human health and the environment; and (c) Evaluate the effect of the activity on the Portland Harbor Remedial Investigation and Feasibility Study. Dredging may proceed under existing permits subject to the above notice and implementation of any additional dredging or management practices required by DEQ. DEQ shall also be notified of and copied on any permit application to the Oregon Division of State Lands or United States Army Corps of Engineers for dredging or other activity disturbing sediments adjacent to the Schnitzer site. Notwithstanding the foregoing, Schnitzer may conduct dredging or other activities that might disturb sediments at or near the facility without giving DEQ 60 days' notice, if such activities are conducted in accordance with an effective Dredging Agreement between Schnitzer and DEQ that describes the notification and sampling requirements, dredging, management, and disposal practices, and any other measures that Schnitzer will take to ensure that all activities within the scope of the Dredging Agreement are conducted in a manner that is protective of human health and the environment and consistent with Harborwide cleanup work.

Deleted: facility

7. Site Access

Deleted: 14

Deleted: 14

Deleted: 14

SCHN00332881

Schnitzer will obtain or use its best efforts to obtain access to property not owned or controlled by Schnitzer as necessary to perform the work required under this Agreement. If Schnitzer is not able to obtain site access agreements within 30 days of its formal request to another property owner, DEQ may use its statutory authority to obtain access to property on behalf of Schnitzer if DEQ determines that Schnitzer has exhausted all good faith efforts to obtain access.

Deleted: access is necessary and that

B. Public Participation

Upon execution of this Agreement, DEQ will provide public notice of this Agreement through issuance of a press release, at a minimum to a local newspaper of general circulation, describing the measures required under this Agreement. Copies of the Agreement will be made available to the public. DEQ shall provide Schnitzer a draft of such press release and consider any comments by Schnitzer on the draft press release, before publication.

C. DEQ Access and Oversight

1. Schnitzer shall allow DEQ to enter all portions of the PEO site at all reasonable times for the purposes, among other things, of inspecting records relating to work under this Agreement; observing Schnitzer's progress in implementing this Agreement; conducting such tests and taking such samples as DEQ deems necessary; verifying data submitted to DEQ by Schnitzer; and, using camera, sound recording, or other recording equipment for purposes relating to work under this Agreement. Upon Schnitzer's verbal request, DEQ shall make available to Schnitzer a split or duplicate of any sample or recording taken by DEQ pursuant to this Agreement. DEQ shall use its best efforts, but not be obligated, to provide reasonable advance notice before entering the facility. DEQ shall adhere to all health and safety requirements of the facility, as identified in the applicable Health and Safety Plan, including, but not limited to, requirements in portions of the PEO site where outside visitors must be accompanied by company personnel.

2. Schnitzer shall permit DEQ to inspect and copy all records, files, photographs, documents, and data in connection with work under this Agreement, except that Schnitzer shall not be required to permit DEQ inspection or copying of items subject to attorney-client or attorney work product privilege. DEQ

Deleted: 14

Deleted: 14

Deleted: 14

SCHN00332882

shall use its best efforts, but not be obligated, to provide reasonable notice before records inspection and copying requests.

3. Attorney-client and work product privileges may not be asserted with respect to any records required under Paragraphs II.G.1 and II.G.2 of this Agreement. Schnitzer shall identify to DEQ--by addressor-addressee, date, general subject matter, and distribution--any document, record, or item withheld from DEQ on the basis of attorney-client or attorney work product privilege. DEQ reserves its rights under law to obtain documents DEQ asserts are improperly withheld by Schnitzer.

D. Project Managers

1. To the extent possible, all reports, notices, and other communications required under or relating to this Agreement shall be directed to:

DEQ Project Manager:	Schnitzer Project Manager:
Alicia C. Voss Voluntary Cleanup and Portland Harbor Section 2020 SW Fourth, Suite 400 Portland, Oregon 97204 503-229-5011	Tom Zelenka Schnitzer Investment Corporation P.O. Box 10047 Portland, Oregon 97296-0047 503-224-9900

2. Schnitzer's and DEQ's Project Managers shall be available and have the authority to make day-to-day decisions necessary to complete the Scope of Work under this Agreement.

E. Notice and Samples

Schnitzer shall make every reasonable attempt to notify DEQ of any excavation, drilling, or sampling to be conducted under this Agreement at least five (5) working days before such activity but in no event less than twenty-four (24) hours before such activity. Upon DEQ's verbal request, Schnitzer shall make available to DEQ a split or duplicate of any sample taken pursuant to this Agreement. DEQ shall make every effort to complete analysis of any split or duplicate sample on a schedule consistent with Schnitzer's schedule for related activities. DEQ shall provide Schnitzer with copies of all analytical data from such samples as soon as practicable.

Deleted: 14
Deleted: 14
Deleted: 14

SCHN00332883

F. Quality Assurance

Schnitzer shall conduct all sampling, sample transport, and sample analysis in accordance with the Quality Assurance/ Quality Control (QA/QC) provisions approved by DEQ as part of the work plan. All plans prepared and work conducted as part of this Agreement shall be consistent with DEQ's "Quality Assurance Policy No. 760.00". Schnitzer shall ensure that each laboratory used by Schnitzer for analysis performs such analyses in accordance with such provisions.

G. Records

1. In addition to those technical reports and documents specifically required under this Agreement, Schnitzer shall provide to DEQ within thirty (30) days of DEQ's written request copies of documents generated in connection with the work required under this Agreement, including QA/QC memoranda and QA/QC audits, draft and final deliverable plans, final reports, task memoranda, field notes, and laboratory analytical data that have undergone data quality validation.

2. If DEQ determines that review of raw data or preliminary laboratory reports is necessary in order to ensure protection of public health, safety, and welfare and the environment, that information will be provided by Schnitzer within ten (10) days of DEQ's written request.

3. Schnitzer and DEQ shall preserve all records and documents in possession or control of Schnitzer and DEQ, respectively, or their employees, agents, or contractors that relate in any way to activities under this Agreement for at least five (5) years after termination under Subsection II.R. of this Agreement; provided that after such 5-year period, Schnitzer and DEQ shall provide the other sixty (60) days notice before destruction or other disposal of such records and make them available for inspection and copying.

4. Schnitzer may assert a claim of confidentiality regarding any documents or records submitted to or copied by DEQ pursuant to this Agreement. DEQ shall treat documents and records for which a claim of confidentiality has been made in accordance with ORS 192.410 through 192.505. If Schnitzer does not make a claim of confidentiality at the time the documents or records are submitted to or copied by DEQ, the documents or records may be made available to the public without notice to Schnitzer.

Deleted: 14

Deleted: 14

Deleted: 14

SCHN00332884

H. Progress Reports

During each quarter of this Agreement, Schnitzer shall deliver to DEQ on or before the fifteenth (15th) day following the end of the calendar quarter two, (2) copies of a progress report containing the following items. DEQ anticipates that the progress report will not exceed 2 pages in length.

1. Actions taken under this Agreement during the previous quarter;

2. Actions scheduled to be taken in the next quarter;

3. Sampling, test results, and any other data generated by Schnitzer during the previous quarter; and

4. A description of any problems experienced during the previous quarter and the actions taken to resolve them.

I. Other Applicable Laws

Subject to ORS 465.315(3), all actions under this Agreement shall be performed in accordance with all applicable federal, state, and local laws and regulations. Without limiting the foregoing, all action under this Agreement shall be performed in accordance with any applicable federal, state, and local laws and regulations related to archeological objects and sites and protection thereof. If archeological objects or human remains are discovered during any investigation, removal or remedial activities at the PEO Site, Schnitzer shall at a minimum (a) stop work immediately in the vicinity of the find, (b) provide any notifications required by ORS 97.745 and ORS 358.920, (c) notify Kim Cox, Portland Harbor Project Coordinator, at 503-229-6590 or the DEQ project manager for the PEO Site within 24 hours of the discovery, and (d) use best efforts to ensure that Schnitzer and its employees, contractors, counsel, and consultants keep the discovery confidential, including but not limited to, refraining from contacting the media or any third party or otherwise sharing information regarding the discovery with any member of the public, and immediately notifying DEQ of and directing any inquiry from the media or public regarding the discovery to DEQ.

Deleted: regulations.¶

Deleted: ¶ (Cultural Resources Additional Provision)¶ ¶

J. Reimbursement of DEQ Oversight Costs

Deleted: 14

Deleted: 14

Deleted: 14

SCHN00332885

1. Prior to entry of this Agreement, DEQ shall submit to Schnitzer an invoice for costs incurred by DEQ for the PEO site prior to March 6, 2001. The total for DEQ costs incurred prior to March 6, 2001 is $ **[See attached cover letter request for detailed itemization of asserted $15,219.22 in past costs.]**

Deleted: $15,219.22.

2. Upon entry of this Agreement, DEQ shall submit to Schnitzer an estimate for costs actually and reasonably incurred by DEQ for preparation and negotiation of this Agreement and an estimate of future DEQ oversight costs associated with Schnitzer's implementation of this Agreement.

3. DEQ shall submit to Schnitzer a monthly statement of costs incurred after issuance of this Agreement by DEQ in connection with oversight of Schnitzer's implementation of this Agreement. Each invoice will include a summary of costs billed to date. DEQ's invoice for direct costs will include a direct labor summary showing the persons charging time, the amount of time, and the nature of the work performed.

3. DEQ or State of Oregon oversight costs payable by Schnitzer shall include both direct and indirect costs. Direct costs shall include site-specific expenses, DEQ contractor costs, and DEQ legal costs. Indirect costs shall include those general management and support costs of the DEQ and of the applicable administering division (e.g. Waste Prevention and Management Division, Environmental Cleanup Division, Northwest Region) that are allocable to DEQ oversight of this Agreement and not charged as direct, site-specific costs. Indirect costs shall be based on a percentage of direct personal service costs. DEQ oversight costs also shall include the surcharge required by ORS 465.333.

4. Within thirty (30) days of receipt of a DEQ statement, Schnitzer shall pay the amount of costs billed by check made payable to the "State of Oregon, Hazardous Substance Remedial Action Fund". Schnitzer shall pay simple interest of 9% per annum on the unpaid balance of any oversight costs, which interest shall begin to accrue at the end of the 30-day payment period.

K. Force Majeure

1. If any event occurs that is beyond Schnitzer's reasonable control and that causes or might cause a delay or deviation in performance of the requirements of this Agreement,

Deleted: 14

Deleted: 14

Deleted: 14

SCHN00332886

Schnitzer shall promptly notify DEQ's Project Manager verbally of the cause of the delay or deviation and its anticipated duration, the measures that have been or will be taken to prevent or minimize the delay or deviation, and the timetable by which Schnitzer proposes to carry out such measures. Schnitzer shall confirm in writing this information within five (5) working days of the verbal notification.

2. If Schnitzer demonstrates to DEQ's satisfaction that the delay or deviation has been or will be caused by circumstances beyond the reasonable control and despite the due diligence of Schnitzer, DEQ shall extend times for performance of related activities under this Agreement as appropriate. Circumstances or events beyond Schnitzer's control might include but are not limited to acts of God, unforeseen strikes or work stoppages, fire, explosion, riot, sabotage, or war. Increased cost of performance or changed business or economic circumstances shall be presumed not to be circumstances beyond Schnitzer's reasonable control.

L. Prior Approval

Where DEQ review and approval is required for any plan or activity under this Agreement, Schnitzer shall not proceed to implement the plan or activity until DEQ approval is received. Any DEQ delay in granting or denying approval shall correspondingly extend the time for completion by Schnitzer. Prior approval shall not be required in emergencies where Schnitzer reasonably believes a delay in undertaking a particular action will threaten human health, safety, or the environment; provided that Schnitzer notifies DEQ of the emergency and action as soon as is practicable.

M. Dispute Resolution

In the event of disagreement between Schnitzer and DEQ regarding implementation of this Agreement, Schnitzer and DEQ shall, in the following order: 1) make a good faith effort to resolve the dispute between Project Managers; 2) if necessary, refer the dispute for resolution by the immediate supervisors of the Project Managers; 3) if necessary, provide each other their respective positions in writing and refer the dispute for resolution by DEQ's Administrator of the Waste Prevention and Management Division or the appropriate Region Administrator and Schnitzer's Project Manager; and 4) if necessary, refer the dispute for resolution by DEQ's Director and Schnitzer's General

Deleted: (DIRECTOR'S COUNTERPART)

Deleted: 14

Deleted: 14

Deleted: 14

SCHN00332887

Counsel. DEQ's final decision after such dialogue shall be enforceable under this Agreement. The time required for dispute resolution shall correspondingly extend Schnitzer's schedule for all pending, affected deliverables or activities.

N. Enforcement of Agreement and Reservation of Rights

1. In the event of Schnitzer's failure to comply with this Agreement (including any failure to reimburse oversight costs), DEQ may enforce this Agreement as an order under ORS 465.260(5) or may terminate this Agreement after thirty (30) days written notice to Schnitzer.

2. In the event of DEQ's failure to provide oversight in accordance with this Agreement, Schnitzer may terminate this Agreement after thirty (30) days written notice to DEQ. Costs incurred or obligated by DEQ before the effective date of any termination of this Agreement shall be owed under the Agreement notwithstanding such termination.

3. Schnitzer does not admit any facts (including those recited herein), legal issues, liability, or violation of law by virtue of entering this Agreement.

4. Except as otherwise provided in Subsection II.O., nothing in this Agreement shall prevent Schnitzer from exercising any rights of contribution or indemnification Schnitzer might have against any person, including the State of Oregon, regarding the activities or release(s) that are the subject of this Agreement; provided Schnitzer waives any right it might have under ORS 465.260(7) to seek reimbursement from the Hazardous Substance Remedial Action Fund for costs incurred under this Agreement.

5. Schnitzer agrees not to litigate, in any proceeding brought by DEQ to enforce this Agreement, any issue other than Schnitzer's or DEQ's compliance with this Agreement.

6. The PEO Site is part of the Portland Harbor which was listed on the federal National Priority List (NPL) site in December 2000, and DEQ agrees to cooperate with Schnitzer to encourage EPA to accept the satisfactory and complete performance of the work under this agreement as fulfillment of Schnitzer's obligation to perform the same work under any subsequently issued EPA Agreement on Consent, Order or Consent Decree. If EPA does not agree that such performance under this Agreement

Deleted: of hazardous substances

Deleted: site

Deleted: 14

Deleted: 14

Deleted: 14

SCHN00332888

fulfills the EPA-imposed obligations, the Agreement may be modified pursuant to Subsection II.Q. or terminated at the election of DEQ or Schnitzer.

O. Hold Harmless

1. Schnitzer shall save and hold harmless the State of Oregon and its commissions, agencies, officers, employees, contractors, and agents, and indemnify the foregoing, from and against any and all claims arising from acts or omissions related to this Agreement of Schnitzer or its officers, employees, contractors, agents, receivers, trustees, or assigns. DEQ shall not be considered a party to any contract made by Schnitzer or its agents in carrying out activities under this Agreement.

2. To the extent permitted by Article XI, Section 7, of the Oregon Constitution and by the Oregon Tort Claims Act, the State of Oregon shall save and hold harmless Schnitzer and its officers, employees, contractors, and agents, and indemnify the foregoing, from and against any and all claims arising from acts or omissions related to this Agreement of the State of Oregon or its commissions, agencies, officers, employees, contractors, or agents (except for acts approving or omissions constituting approval of any activity of Schnitzer under this Agreement). Schnitzer shall not be considered a party to any contract made by DEQ or its agents in carrying out activities under this Agreement.

P. Parties Bound

This Agreement shall be binding on the parties and their respective successors, agents, and assigns. The undersigned representative of each party certifies that he or she is fully authorized to execute and bind such party to this Agreement. No change in ownership or corporate or partnership status relating to the facility shall in any way alter Schnitzer's obligations under this Agreement, unless otherwise approved in writing by DEQ.

Q. Modification

DEQ and Schnitzer may modify this Agreement by mutual written agreement.

R. Duration and Termination

Deleted: 14
Deleted: 14
Deleted: 14

SCHN00332889

Upon completion of work under this Agreement, Schnitzer shall submit to DEQ a written notice of completion. This Agreement shall be deemed satisfied and terminated upon payment of all oversight costs owed and upon DEQ's issuance of a letter acknowledging satisfactory completion of activities in accordance with this Agreement. Such letter shall be issued within sixty (60) days of receipt of notice of completion evidencing satisfactory completion of activities in accordance with this Agreement and payment of outstanding DEQ oversight costs, or as soon thereafter as is reasonably practicable. In the event that DEQ is unable to issue such letter within sixty days of receipt of Schnitzer's written notice of completion, DEQ shall provide Schnitzer with a written schedule upon which DEQ anticipates review of Schnitzer's work and issuance of that letter.

Schnitzer Investment Corp.

By: _____ Date: _____
(Name)

_____
(Title)

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY

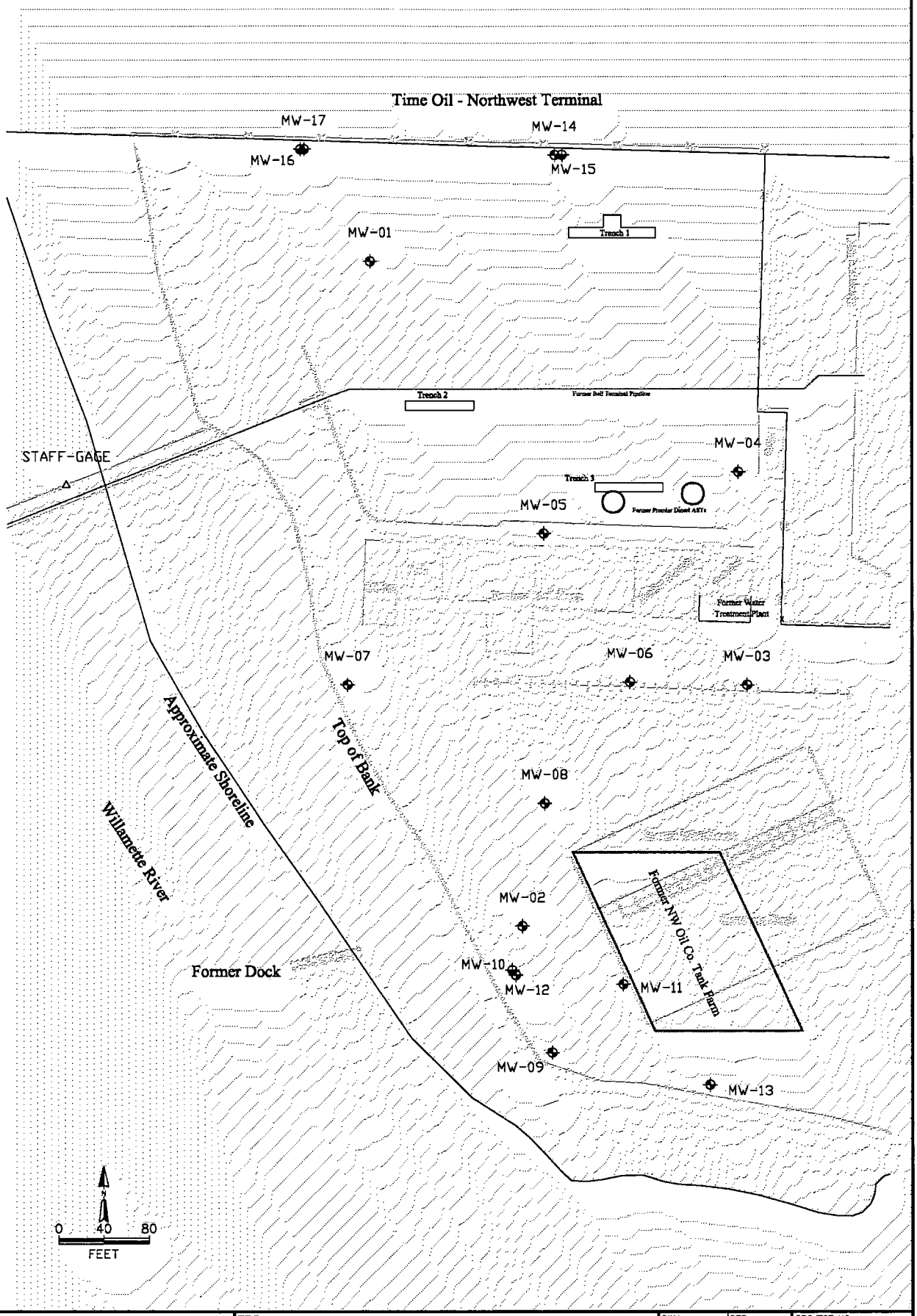
By: _____ Date: _____
(Name)

_____
(Title)

KBB/GEN30415

Deleted: 14
Deleted: 14
Deleted: 14

SCHN00332890



URS	TITLE: Site Map Schnitzer – PEO Portland, OR	DWN: jgdp	DES.:	PROJECT NO.: 52-00180063
		CHKD:	APPD:	FIGURE NO.: 1
		DATE: 3/8/02	REV.: 0	

SCHN00332897

Table 1
Groundwater Elevations - October-December 2001
Schnitzer - Premier Edible Oils
Portland, OR
52-00180063

PERIOD: From 10/10/2001 thru 12/27/2001 - Inclusive

SITE	DATE	MP ELEVATION (feet)	TIME	DEPTH TO WATER (feet)	FLOATING PRODUCT THICKNESS (feet)	WATER ELEV. (feet)	DELTA WATER ELEV (feet)	EQUIV. FRESH WATER HEAD (feet)
MW-01	10/10/2001	28.37	15:10	22.81	0.00	5.56	NA	5.56
MW-01	11/29/2001	28.37	10:08	21.17	0.00	7.20	1.64	7.20
MW-01	12/27/2001	28.37	11:12	17.76	0.00	10.61	3.41	10.61
MW-02	10/10/2001	29.32	15:52	25.70	1.53	3.62	NA	4.91
MW-02	11/29/2001	29.32	10:30	21.13	0.00	8.19	4.57	8.19
MW-02	12/27/2001	29.32	11:36	20.72	0.35	8.60	0.41	8.90
MW-03	10/10/2001	29.79	15:19	24.29	0.00	5.50	NA	5.50
MW-03	11/29/2001	29.79	10:15	21.67	0.00	8.12	2.62	8.12
MW-03	12/27/2001	29.79	11:16	18.13	0.00	11.66	3.54	11.66
MW-04	10/10/2001	29.46	16:12	24.10	4.75	5.36	NA	9.46
MW-04	11/29/2001	29.46	10:41	20.62	2.94	8.84	3.48	11.38
MW-04	12/27/2001	29.46	11:40	16.80	1.04	12.66	3.82	13.56
MW-05	10/10/2001	29.39	15:13	23.92	0.00	5.47	NA	5.47
MW-05	11/29/2001	29.39	10:13	21.92	0.00	7.47	2.00	7.47
MW-05	12/27/2001	29.39	11:14	18.69	0.00	10.70	3.23	10.70
MW-06	10/10/2001	29.36	15:21	23.78	0.00	5.58	NA	5.58
MW-06	11/29/2001	29.36	10:16	21.77	0.00	7.59	2.01	7.59
MW-06	12/27/2001	29.36	11:17	18.48	0.00	10.88	3.29	10.88
MW-07	10/10/2001	28.46	15:24	23.17	0.00	5.29	NA	5.29
MW-07	11/29/2001	28.46	10:18	20.28	0.00	8.18	2.89	8.18
MW-07	12/27/2001	28.46	11:19	18.93	0.00	9.53	1.35	9.53
MW-08	10/10/2001	29.06	15:28	23.73	0.00	5.33	NA	5.33
MW-08	11/29/2001	29.06	10:19	21.25	0.00	7.81	2.48	7.81
MW-08	12/27/2001	29.06	11:21	19.30	0.00	9.76	1.95	9.76
MW-09	10/10/2001	29.60	15:34	24.79	0.00	4.81	NA	4.81
MW-09	11/29/2001	29.60	10:23	20.59	0.00	9.01	4.20	9.01
MW-09	12/27/2001	29.60	11:28	22.67	0.34	6.93	-2.08	7.22
MW-10	10/10/2001	29.06	15:31	24.30	0.00	4.76	NA	4.76
MW-10	11/29/2001	29.06	10:21	19.91	0.00	9.15	4.39	9.15
MW-10	12/27/2001	29.06	11:22	21.88	0.00	7.18	-1.97	7.18
MW-11	10/10/2001	29.20	15:38	24.18	0.00	5.02	NA	5.02
MW-11	11/29/2001	29.20	10:24	21.05	0.26	8.15	3.13	8.37
MW-11	12/27/2001	29.20	11:32	22.53	2.07	6.67	-1.48	8.42
MW-12	10/10/2001	29.21	15:32	24.33	0.00	4.88	NA	4.88
MW-12	11/29/2001	29.21	10:22	20.33	0.00	8.88	4.00	8.88
MW-12	12/27/2001	29.21	11:23	21.66	0.00	7.55	-1.33	7.55
MW-13	10/10/2001	30.21	15:45	25.65	0.44	4.56	NA	4.93
MW-13	11/29/2001	30.21	10:28	21.46	0.00	8.75	4.19	8.75
MW-13	12/27/2001	30.21	11:31	22.60	0.00	7.61	-1.14	7.61

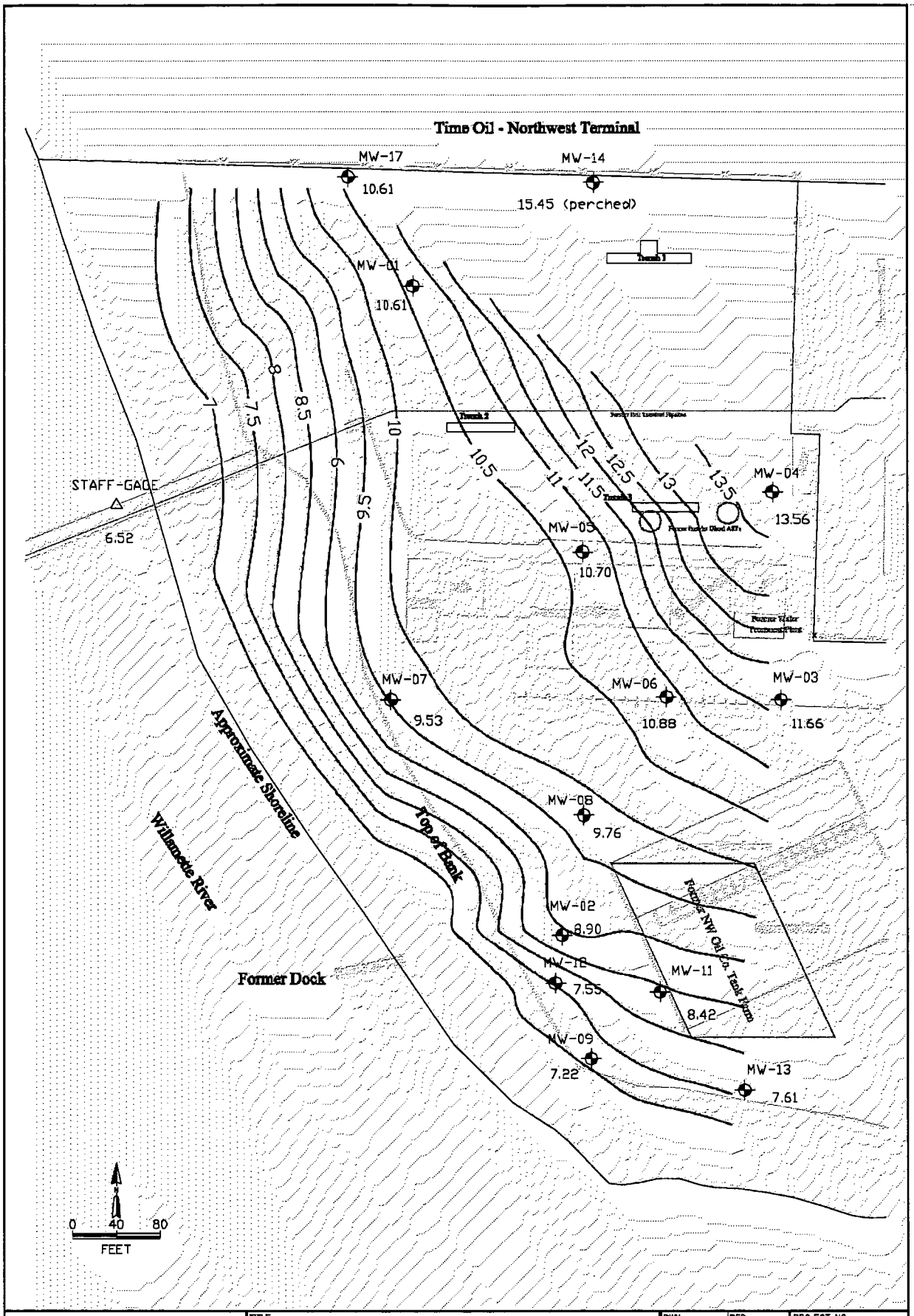
All elevations relative to City of Portland Datum

Table 1
Groundwater Elevations - October-December 2001
Schnitzer - Premier Edible Oils
Portland, OR
52-00180063

PERIOD: From 10/10/2001 thru 12/27/2001 - Inclusive

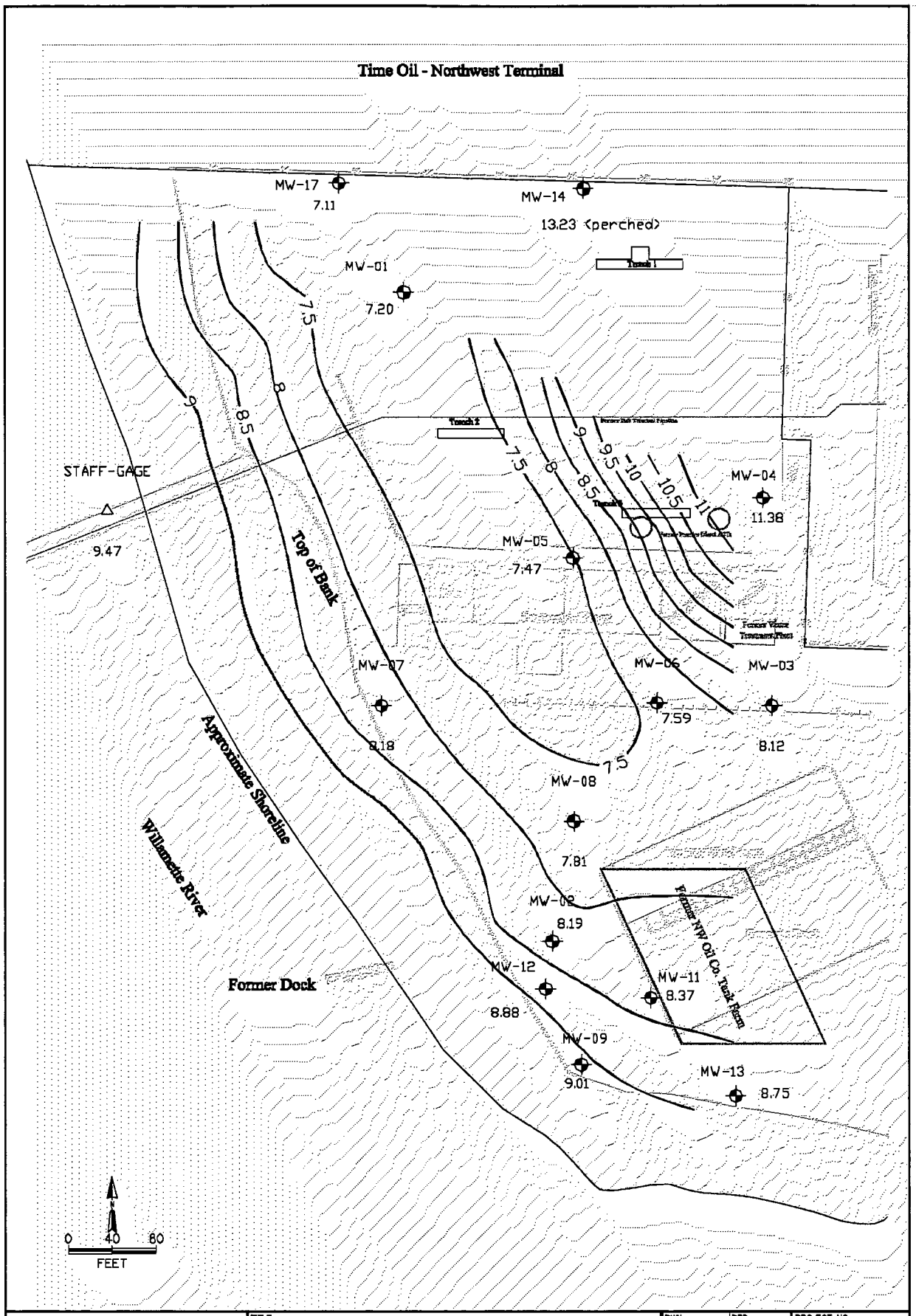
SITE	DATE	MP ELEVATION (feet)	TIME	DEPTH TO WATER (feet)	FLOATING PRODUCT THICKNESS (feet)	WATER ELEV. (feet)	DELTA WATER ELEV (feet)	EQUIV. FRESH WATER HEAD (feet)
MW-14	10/10/2001	30.72	14:59	18.03	0.00	12.69	NA	12.69
MW-14	11/29/2001	30.72	10:05	17.49	0.00	13.23	0.54	13.23
MW-14	12/27/2001	30.72	11:08	15.27	0.00	15.45	2.22	15.45
MW-15	10/10/2001	30.48	14:55	25.30	0.00	5.18	NA	5.18
MW-15	11/29/2001	30.48	10:03	22.35	0.00	8.13	2.95	8.13
MW-15	12/27/2001	30.48	11:07	21.64	0.00	8.84	0.71	8.84
MW-16	10/10/2001	30.03	15:03	24.95	0.00	5.08	NA	5.08
MW-16	11/29/2001	30.03	10:06	21.50	0.00	8.53	3.45	8.53
MW-16	12/27/2001	30.03	11:10	21.86	0.00	8.17	-0.36	8.17
MW-17	10/10/2001	29.91	15:03	24.31	0.00	5.60	NA	5.60
MW-17	11/29/2001	29.91	10:07	22.80	0.00	7.11	1.51	7.11
MW-17	12/27/2001	29.91	11:11	19.30	0.00	10.61	3.50	10.61
STAFF-GAGE	10/10/2001	0.00	15:00	-4.83	0.00	4.83	NA	4.83
STAFF-GAGE	11/29/2001	0.00	10:10	-9.47	0.00	9.47	4.64	9.47
STAFF-GAGE	12/27/2001	0.00	11:30	-6.52	0.00	6.52	-2.95	6.52

All elevations relative to City of Portland Datum



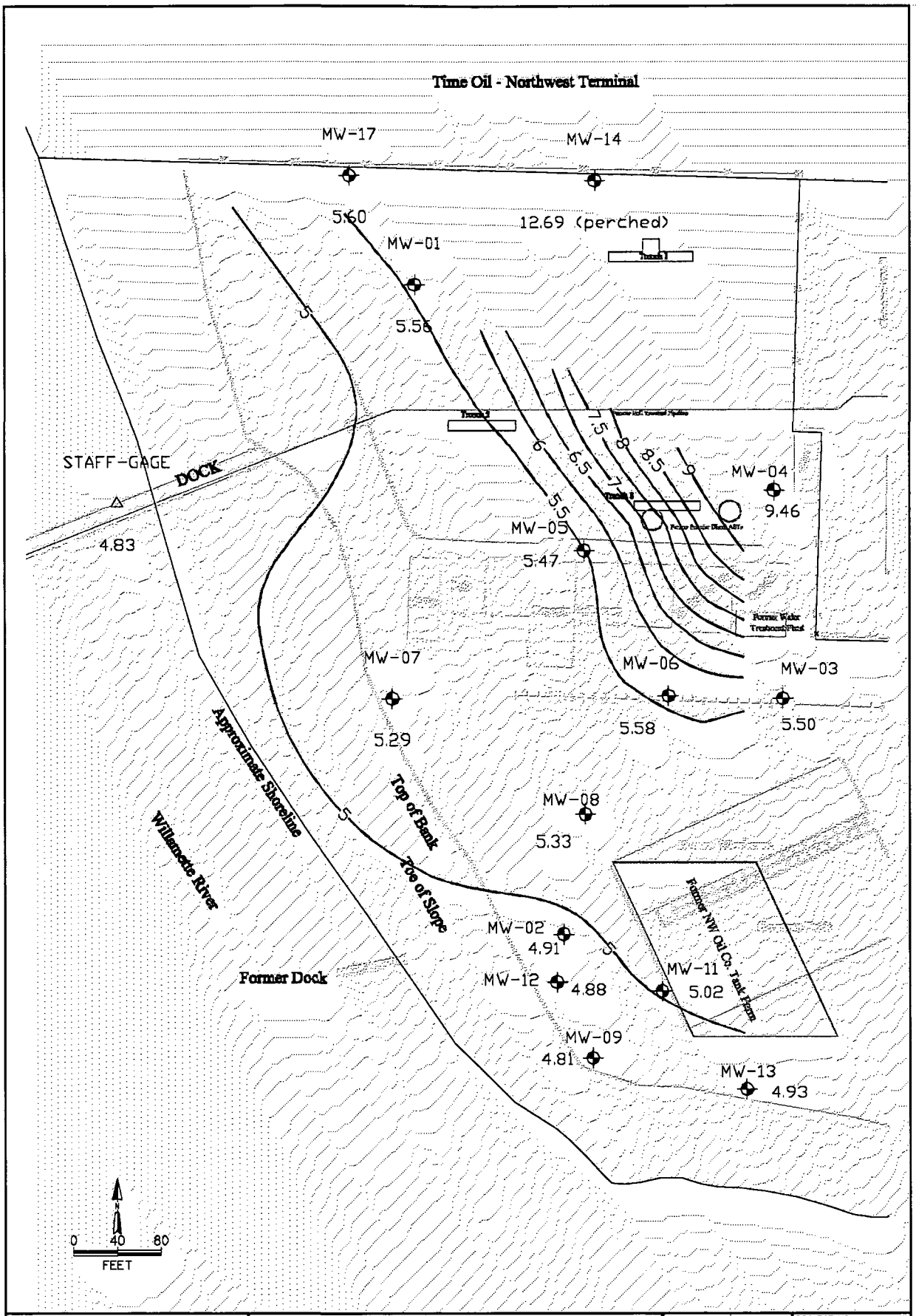
TITLE: Groundwater Elevations (ft-COP) December, 2001 Schnitzer – PEO	DWN: jgdp	DES.:	PROJECT NO.: 52-00180063
	CHKD:	APPD:	FIGURE NO.: 3
	DATE: 1/15/02	REV.: 0	

SCHN00332932



TITLE: Groundwater Elevations (ft-COP) November, 2001 Schnitzer – PEO	DWN: jgdp	DES.:	PROJECT NO.: 52-00180063
	CHKD:	APPD:	FIGURE NO.: 2
	DATE: 1/15/02	REV.: 0	

SCHN00332933



TITLE: Groundwater Elevations (ft-COP) October, 2001 Schnitzer – PEO	DWN: jgdp	DES.:	PROJECT NO.: 52-00180063
	CHKD:	APPD:	FIGURE NO.: 1
	DATE: 1/15/02	REV.: 0	

SCHN00332934

James C. Brown & Associates, P.C.

Law Offices

Post Office Box 31
Marylhurst, Oregon 97036
Telephone: (503) 557-2245
FAX: (503) 557-0377
E-mail: jcbrownpc@msn.com

May 9, 2001

Alicia Voss
Northwest Region
Department of Environmental Quality
Voluntary Cleanup Program
2020 SW Fourth Avenue, Suite 400
Portland, OR 97201-4987

Re: Premier Edible Oil Site
Revisions to VCP Agreement and ATTACHMENT B

Dear Alicia:

Thank you for the forwarding the Department's April 16, 2001 comments to Schnitzer Investment Corporation's (Schnitzer's) proposed changes to the Department's Draft VCP Agreement for the Premier Edible Oil Site (Agreement) and ATTACHMENT B to that Agreement, the Scope of Work for the Remedial Investigation/Feasibility Study and Source Control. Measures (SOW). We have reviewed the Department's changes and submit the following revisions for your consideration and incorporation in the documents. Assuming these revisions and other conditions are acceptable to the Department, Schnitzer is prepared to sign the Agreement.

Set forth below are our revisions to the Agreement followed by those to the SOW.

VCP Agreement:

1. Recitals Paragraph D
   The paragraph has been revised to more accurately reflect historical usage at the PEO Site and to eliminate potentially misleading inferences.

2. Recitals Paragraph F
   The PEO Site and the Burgard Industrial Park are two separate and distinct parcels; and, although they are in close proximity to one another physically there is no commonality of use and neither Schnitzer nor its affiliated entities have operated on the PEO Site. This is one of the primary reasons why Schnitzer choose not to accept the Department's initial offer to include the PEO Site as part of the Burgard Industrial Park's VCP Agreement and has sought to negotiate a separate VCP Agreement for

the PEO Site. Therefore, it is inappropriate for the Department to strive to amend the PEO Site Agreement recitals to include the list of Burgard Industrial Park contaminants; and, thereby create an inappropriate and wholly erroneous inference as to the contaminants and/or potential contaminant sources at the PEO Site. The contaminants currently known to be present at the PEO Site are listed.

If there is a potential link between the PEO Site and the Portland Harbor contaminants that link must be established by the contaminants actually found at the PEO Site and not by either an inappropriate inference or by reason of property ownership. Accordingly, the references to the Burgard Industrial Park have been deleted.

3. Section II Paragraph I
The proposed language for the Cultural Resources Section that was forwarded by Tom Roick has bee included. The draft language has been modified to include counsel within the litany of individuals the client may speak with about a discovery and to prevent the implied preclusion of the landowner from discussing the discovery with counsel (i.e., "any thirds party'), as the draft language appears to do.

4. Section II Paragraph J
Schnitzer is willing to pay the DEQ's past fees provided they do not include any DEQ costs associated with meetings the Department had with Premier Edible Oils or Time Oil, both of whom Schnitzer believes the Department should have required to complete at least a portion of this investigatory work, or for any portion of the Department's time attributable to the Portland Harbor Superfund Site. Prior to agreeing on the amount of past costs to be paid, the Department is to provide Schnitzer with a detailed itemization of the asserted $15,219.22 in past costs for Schnitzer's review and acceptance.

Contrary to the Department's April 16th e-mail, there is a logical disconnect in the Department's assertion that its costs are reasonable simply because Schnitzer requested a separate VCP agreement for the unrelated business activities at the PEO Site. Whether the Department's costs are reasonable is solely dependant upon how they relate to the Department's activities with the PEO Site as they relate to the Department's interactions with Schnitzer. If the Department has incurred costs at the PEO Site due to their interactions with Premier Edible Oils or Time Oil, the Department should seek to recover those costs from those entities and not from Schnitzer.

5. Section II Paragraph N. 6
The paragraph has been amended to complete the sentence fragment.

The attached redline Agreement contain both our comments to the latest DEQ version of the

Agreement and contain a "May 7, 2001 Revision" notation on the Footer of Page 1.

Attachment B – SOW

1. Page B-1, Schedule
   We do not understand why the Department has included the RI Proposal and DEQ Review & Comment provisions of the SOW's Schedule Section as we are already on the second draft of the RI/FS Work Plan. Accordingly, those subsections of the Schedule have been deleted.

2. Page B-2, Objectives, Section A
   The clause "and edible oils" has been added to include these substances within the scope of the work.

3. Page B-2, Objectives, Section B
   We have added "potentially" in front of relevant on line two of the paragraph in lieu of deleting "volatilization and dust entrapment" as those terms might apply to edible oils.

4. Page B-2, Objectives Section C
   We have added "and" between hazardous substances and edible oils on line two.

5. Page B-3, Section II, Remedial Investigation Proposal
   For the reasons set forth at #1 of the SOW Comments above, Section II for the RI Proposal Section has been deleted.

6. Page B-4, Section II, RI Work Plan, Paragraph B – Site Description
   The definition of "site" has been clarified to be consistent with the VCP Agreement.

7. Page B-5 Section III, RI Work Plan, Paragraph C. 3., Surface Water
   The Procedures section has been amended to clarify that the potential for releases of substances to the surface waters at the site are through storm water system; and to include the word "oils" after edible in Line 4.

8. Page B-7, Section III, RI Work Plan, C. 6, Identification of Current and Reasonably Likely Future Land and Water Use
   The Scope paragraph has been clarified to recognize previously completed work and minimize the need for duplicative work.

9. Page B-10, Section VII, Feasibility Study Work Plan
   The terminal clause of the Objective paragraph has been amended to replace "facility" with "PEO Site" to maintain consistency with the remainder of the SOW.

10. Page 12, Section VIII, Reports

A new Paragraph D has been added to address the Feasibility Study Report.

We look forward receiving the Department's comments regarding the enclosed revisions and/or meeting with the Department and Lynne Perry, DOJ, to negotiate any unresolved differences between our respective versions of the VCP Agreement and Scope of Work for the PEO Site. If you have any questions please call.

Sincerely,

James C. Brown

c (With Enclosures):
Lynne Perry, DOJ
Tom Zelenka, Schnitzer
Jim Jakubiak, Schnitzer
Bill Cobb, Bridgewater Group

VOLUNTARY AGREEMENT FOR UPLAND REMEDIAL INVESTIGATION/FEASIBLITY STUDY AND SOURCE CONTROL MEASURES

DEQ NO. ECDVC-NWR-01-06

BETWEEN: Schnitzer Investment Corporation (Schnitzer)

AND: Oregon Department of Environmental Quality (DEQ)

EFFECTIVE DATE: ~~March 6,~~May 7, 2001

Pursuant to ORS 465.260(2) and (4), the Director, Oregon Department of Environmental Quality (DEQ), enters this Agreement with Schnitzer Investment Corporation (Schnitzer). This Agreement contains the following provisions:

Page

I. Recitals..... 1

II. Agreement..... 3

A. Work..... 3

B. Public Participation..... 5

C. DEQ Access and Oversight..... 5

D. Project Managers..... 6

E. Notice and Samples..... 6

F. Quality Assurance..... 7

G. Records..... 7

H. Progress Reports..... 8

I. Other Applicable Laws..... 8

J. Reimbursement of DEQ Costs..... 8

K. Force Majeure..... 9

L. Prior Approval..... 10

M. Dispute Resolution..... 10

N. Enforcement of Agreement and Reservation of Rights..... 10

O. Hold Harmless..... 11

P. Parties Bound..... 12

Q. Modification..... 12

R. Duration and Termination..... 12

I. RECITALS

A. Schnitzer is a "person" under ORS 465.200(20).

B. The Premier Edible Oils (PEO) site, which belongs to Schnitzer, consists of the north and south parcels and occupies approximately 18.5 acres at 10400 N. Burgard Way, Portland, Oregon and is referred to hereinafter as the "PEO Site". A

vicinity map and a site map are included as Figures 1 and 2 in Attachment A to this Agreement, and are incorporated herein by reference. The PEO site does not include other adjoining property at 12005 N. Burgard Road that is also owned by Schnitzer and that is subject to a similar Voluntary Agreement For Remedial Investigation and Source Control Measures by Schnitzer.

C. The PEO ~~site~~Site is located within or near what is known as the Portland Harbor, a six-mile reach of the Willamette River between Sauvie Island and Swan Island. A 1997 study by DEQ and the U.S. Environmental Protection Agency identified elevated levels of hazardous substances in shallow, near-shore sediments throughout the Portland Harbor.

D. Schnitzer has owned the PEO ~~site~~Site since 1972 and since then, the PEO site operations have included ~~edible oil~~the processing, storing and ~~shipping.~~ shipping of edible oils and warehousing. Prior to 1972, the site was used 1) by a chemical company, 2) as part of the World War II shipyards, and 3) for storage of bulk petroleum products. Site investigations have detected petroleum hydrocarbons, chlorinated solvents, and edible oils in site soil. Petroleum and chlorinated solvents have been detected in site groundwater. ~~Free floating petroleum~~Petroleum product has been documented in a monitoring well near the southwest corner of the property, near the Willamette ~~River and the ship fitting~~ River.
~~D.slip.~~

~~F.~~E. Materials used and stored on the ~~site~~PEO Site included petroleum products, solvents, and edible oils. Wastes from the edible oil operation included wastewater, storm water, waste oils, spent solvents, and solid wastes.

~~F.~~

F. ~~The PEO site is part of the Schnitzer Burgard Industrial Park.~~ The following contaminants were detected~~in sediment samples collected adjacent to the Schnitzer Burgard Industrial Park site (12005 N. Burgard Road) in1997 at concentrations exceeding baseline concentrations established for the Portland Harbor Study Area: antimony, arsenic, barium, cadmium, cobalt, copper, chromium, iron, manganese, lead, mercury, nickel, silver, zinc, organotins, bis (2 ethylhexl) phthalate, butylbenzlphthalate, carbazole, dibenzofuran, 2 methylnaphthylene, and low- and high molecular weight polynuclear aromatic hydrocarbons (LPAHs and HPAHs, respectively). Concentrations of antimony, carbazole, dibenzofuran, mercury, zinc, LPAHs, and HPAHs were all more than twice their respective baseline values. Concentrations of organotins at one sediment sample location were more than 150 times the baseline value.~~at PEO Site in the limited sediment sampling work completed to date: heavy oil and PAHs.

Investigations have also disclosed ~~contamination of~~the following contaminants in the soil and groundwater at the ~~Site.~~PEO Site: gasoline, diesel fuel, heavy oils (i.e., edible oils), PAHs and VOCs.

——The substances described in this section are "hazardous substances" under ORS 465.200(15), with the exception of edible oils. The presence of hazardous substances in soil, groundwater, and sediments at or near the site constitutes a "release" or "threat of release" into the environment under ORS 465.200(21). The PEO ~~site~~Site and the contaminated sediments at or near the ~~site~~PEO Site are a "facility" under ORS 465.200(12).

G. DEQ considers the activities required by this Agreement to be necessary to protect public health, safety, and welfare and the environment.

II. AGREEMENT

The parties agree as follows:

A. Work

1. Remedial Investigation

Schnitzer shall perform a remedial investigation satisfying OAR 340-122-0080, the terms and schedule of a DEQ approved work plan developed by Schnitzer, and applicable elements of the Scope of Work contained in Attachment B to this Agreement. Schnitzer may specify, in the proposed work plan, elements of the Scope of Work that Schnitzer considers inapplicable or unnecessary to the remedial investigation/feasibility ~~investigation~~study for the facility. Schnitzer may propose to perform the work in phases or operable units.

2. Source Control Measures

For any unpermitted discharge or migration of contaminants to the Willamette River or sediments identified in the remedial investigation, Schnitzer shall evaluate such discharge or migration through the ~~migration,~~feasibility study, and then develop and implement source control measures in accordance with the Scope of Work.

3. Feasibility Study

Schnitzer shall perform a feasibility study satisfying OAR-

340-122-090, using the terms and schedule of a DEQ-approved work plan developed by Schnitzer, and the applicable elements of the Scope of Work contained in Attachment B to this Agreement.

4. DEQ-Review

DEQ shall provide review, approvals/disapprovals, and oversight in accordance with the schedule set forth in the Scope of Work, or as soon as thereafter practicable in the event staff resources or workload prevent compliance with the schedule. Any DEQ delay shall correspondingly extend Schnitzer's schedule for a related deliverable or activity.

5. Additional Measures

Schnitzer may elect at any time during the term of this Agreement to undertake remedial measures other than those required under this Agreement necessary to address a release or threatened release of hazardous substances at the facility. Such other measures shall be subject to prior approval by DEQ. Prior approval shall not be required in emergencies where Schnitzer reasonably believes a delay in undertaking a particular action will threaten human health, safety, or the environment; provided that Schnitzer notifies DEQ of the emergency and action as soon as is practicable.

6. Dredging Activities

Schnitzer shall notify the DEQ project manager at least sixty (60) days before undertaking any dredging or other activity that might disturb sediments at or near the facility. In its notice of dredging or other activity, Schnitzer shall: (a) Evaluate the concentration of hazardous substances present in and below the affected sediments based on sampling and analyses performed in advance of the notice; (b) Document the steps to be taken to ensure that both the activity and the subsequent management and disposal of dredged spoils will be conducted in a manner protective of human health and the environment; and (c) Evaluate the effect of the activity on the Portland Harbor Remedial Investigation and Feasibility Study. Dredging may proceed under existing permits subject to the above notice and implementation of any additional dredging or management practices required by DEQ. DEQ shall also be notified of and copied on any permit application to the Oregon Division of State Lands or United States Army Corps of Engineers for dredging or other activity disturbing sediments adjacent to the Schnitzer site. Notwithstanding the foregoing, Schnitzer may conduct dredging or other activities that might disturb sediments at or near the facility without giving DEQ 60 days' notice, if such

activities are conducted in accordance with an effective Dredging Agreement between Schnitzer and DEQ that describes the notification and sampling requirements, dredging, management, and disposal practices, and any other measures that Schnitzer will take to ensure that all activities within the scope of the Dredging Agreement are conducted in a manner that is protective of human health and the environment and consistent with Harborwide cleanup work.

7. Site Access

Schnitzer will obtain or use its best efforts to obtain access to property not owned or controlled by Schnitzer as necessary to perform the work required under this Agreement. DEQ may use its statutory authority to obtain access to property on behalf of Schnitzer if DEQ determines that access is necessary and that Schnitzer has exhausted all good faith efforts to obtain access.

B. Public Participation

Upon execution of this Agreement, DEQ will provide public notice of this Agreement through issuance of a press release, at a minimum to a local newspaper of general circulation, describing the measures required under this Agreement. Copies of the Agreement will be made available to the public. DEQ shall provide Schnitzer a draft of such press release and consider any comments by Schnitzer on the draft press release, before publication.

C. DEQ Access and Oversight

1. Schnitzer shall allow DEQ to enter all portions of the PEO site at all reasonable times for the purposes, among other things, of inspecting records relating to work under this Agreement; observing Schnitzer's progress in implementing this Agreement; conducting such tests and taking such samples as DEQ deems necessary; verifying data submitted to DEQ by Schnitzer; and, using camera, sound recording, or other recording equipment for purposes relating to work under this Agreement. Upon Schnitzer's verbal request, DEQ shall make available to Schnitzer a split or duplicate of any sample or recording taken by DEQ pursuant to this Agreement. DEQ shall use its best efforts, but not be obligated, to provide reasonable advance notice before entering the facility. DEQ shall adhere to all health and safety requirements of the facility, as identified in the applicable Health and Safety Plan, including, but not limited to, requirements in portions of the PEO site where outside visitors must be accompanied by

company personnel.

2. Schnitzer shall permit DEQ to inspect and copy all records, files, photographs, documents, and data in connection with work under this Agreement, except that Schnitzer shall not be required to permit DEQ inspection or copying of items subject to attorney-client or attorney work product privilege. DEQ shall use its best efforts, but not be obligated, to provide reasonable notice before records inspection and copying requests.

3. Attorney-client and work product privileges may not be asserted with respect to any records required under Paragraphs II.G.1 and II.G.2 of this Agreement. Schnitzer shall identify to DEQ--by addressor-addressee, date, general subject matter, and distribution--any document, record, or item withheld from DEQ on the basis of attorney-client or attorney work product privilege. DEQ reserves its rights under law to obtain documents DEQ asserts are improperly withheld by Schnitzer.

D. Project Managers

1. To the extent possible, all reports, notices, and other communications required under or relating to this Agreement shall be directed to:

DEQ Project Manager:	Schnitzer Project Manager:
Alicia C. Voss Voluntary Cleanup and Portland Harbor Section 2020 SW Fourth, Suite 400 Portland, Oregon 97204 503-229-5011	Tom Zelenka Schnitzer Investment Corporation P.O. Box 10047 Portland, Oregon 97296-0047 503-224-9900

2. Schnitzer's and DEQ's Project Managers shall be available and have the authority to make day-to-day decisions necessary to complete the Scope of Work under this Agreement.

E. Notice and Samples

Schnitzer shall make every reasonable attempt to notify DEQ of any excavation, drilling, or sampling to be conducted under this Agreement at least five (5) working days before such activity but in no event less than twenty-four (24) hours before such activity. Upon DEQ's verbal request, Schnitzer shall make available to DEQ a split or duplicate of any sample taken pursuant to this Agreement. DEQ shall make every effort to complete analysis of any split or duplicate sample on a schedule

consistent with Schnitzer's schedule for related activities. DEQ shall provide Schnitzer with copies of all analytical data from such samples as soon as practicable.

F. Quality Assurance

Schnitzer shall conduct all sampling, sample transport, and sample analysis in accordance with the Quality Assurance/ Quality Control (QA/QC) provisions approved by DEQ as part of the work plan. All plans prepared and work conducted as part of this Agreement shall be consistent with DEQ's "Quality Assurance Policy No. 760.00". Schnitzer shall ensure that each laboratory used by Schnitzer for analysis performs such analyses in accordance with such provisions.

G. Records

1. In addition to those technical reports and documents specifically required under this Agreement, Schnitzer shall provide to DEQ within thirty (30) days of DEQ's written request copies of documents generated in connection with the work required under this Agreement, including QA/QC memoranda and QA/QC audits, draft and final deliverable plans, final reports, task memoranda, field notes, and laboratory analytical data that have undergone data quality validation.
2. If DEQ determines that review of raw data or preliminary laboratory reports is necessary in order to ensure protection of public health, safety, and welfare and the environment, that information will be provided by Schnitzer within ten (10) days of DEQ's written request.

3. Schnitzer and DEQ shall preserve all records and documents in possession or control of Schnitzer and DEQ, respectively, or their employees, agents, or contractors that relate in any way to activities under this Agreement for at least five (5) years after termination under Subsection II.R. of this Agreement; provided that after such 5-year period, Schnitzer and DEQ shall provide the other sixty (60) days notice before destruction or other disposal of such records and make them available for inspection and copying.

4. Schnitzer may assert a claim of confidentiality regarding any documents or records submitted to or copied by DEQ pursuant to this Agreement. DEQ shall treat documents and records for which a claim of confidentiality has been made in accordance with ORS 192.410 through 192.505. If Schnitzer does not make a claim of confidentiality at the time the documents or records are submitted to or copied by DEQ, the documents or records may be made available to the public without notice to Schnitzer.

H. Progress Reports

During each quarter of this Agreement, Schnitzer shall deliver to DEQ on or before the fifteenth (15th) day following the end of the calendar quarter two, (2) copies of a progress report containing the following items. DEQ anticipates that the progress report will not exceed 2 pages in length.

1. Actions taken under this Agreement during the previous quarter;

2. Actions scheduled to be taken in the next quarter;

3. Sampling, test results, and any other data generated by Schnitzer during the previous quarter; and

4. A description of any problems experienced during the previous quarter and the actions taken to resolve them.

I. Other Applicable Laws

Subject to ORS 465.315(3), all actions under this Agreement shall be performed in accordance with all applicable federal, state, and local laws and ~~regulations.~~
regulations. Without limiting the foregoing, all action under this

~~**(Cultural Resources Additional Provision)**~~

Agreement shall be performed in accordance with any applicable federal, state, and local laws and regulations related to archeological objects and sites and protection thereof. If archeological objects or human remains are discovered during any investigation, removal or remedial activities at the PEO Site, Schnitzer shall at a minimum (a) stop work immediately in the vicinity of the find, (b) provide any notifications required by ORS 97.745 and ORS 358.920, (c) notify Kim Cox, Portland Harbor Project Coordinator, at 503-229-6590 or the DEQ project manager for the PEO Site within 24 hours of the discovery, and (d) use best efforts to ensure that Schnitzer and its employees, contractors, counsel, and consultants keep the discovery confidential, including but not limited to, refraining from contacting the media or any third party or otherwise sharing information regarding the discovery with any member of the public, and immediately notifying DEQ of and directing any inquiry from the media or public regarding the discovery to DEQ.

J. Reimbursement of DEQ Oversight Costs

1. Prior to entry of this Agreement, DEQ shall submit to Schnitzer an invoice for costs incurred by DEQ for the PEO site prior to March 6, 2001. The total for DEQ costs incurred prior to March 6, 2001 is ~~$15,219.22.~~$_____ **[See request for detailed itemization of asserted $15,219.22 in past costs.]**

2. Upon entry of this Agreement, DEQ shall submit to Schnitzer an estimate for costs actually and reasonably incurred by DEQ for preparation and negotiation of this Agreement and an estimate of future DEQ oversight costs associated with Schnitzer's implementation of this Agreement.

3. DEQ shall submit to Schnitzer a monthly statement of costs incurred after issuance of this Agreement by DEQ in connection with oversight of Schnitzer's implementation of this Agreement. Each invoice will include a summary of costs billed to date. DEQ's invoice for direct costs will include a direct labor summary showing the persons charging time, the amount of time, and the nature of the work performed.

3. DEQ or State of Oregon oversight costs payable by Schnitzer shall include both direct and indirect costs. Direct costs shall include site-specific expenses, DEQ contractor costs, and DEQ legal costs. Indirect costs shall include those general management and support costs of the DEQ and of the applicable administering division (e.g. Waste Prevention and Management Division, Environmental Cleanup Division, Northwest Region) that are allocable to DEQ oversight of this Agreement and not charged as direct, site-specific costs. Indirect costs shall be based on a percentage of direct personal service costs. DEQ oversight costs also shall include the surcharge required by ORS 465.333.

4. Within thirty (30) days of receipt of a DEQ statement, Schnitzer shall pay the amount of costs billed by check made payable to the "State of Oregon, Hazardous Substance Remedial Action Fund". Schnitzer shall pay simple interest of 9% per annum on the unpaid balance of any oversight costs, which interest shall begin to accrue at the end of the 30-day payment period.

K. Force Majeure

1. If any event occurs that is beyond Schnitzer's reasonable control and that causes or might cause a delay or deviation in performance of the requirements of this Agreement, Schnitzer shall promptly notify DEQ's Project Manager verbally of the cause of the delay or deviation and its

anticipated duration, the measures that have been or will be taken to prevent or minimize the delay or deviation, and the timetable by which Schnitzer proposes to carry out such measures. Schnitzer shall confirm in writing this information within five (5) working days of the verbal notification.

2. If Schnitzer demonstrates to DEQ's satisfaction that the delay or deviation has been or will be caused by circumstances beyond the reasonable control and despite the due diligence of Schnitzer, DEQ shall extend times for performance of related activities under this Agreement as appropriate. Circumstances or events beyond Schnitzer's control might include but are not limited to acts of God, unforeseen strikes or work stoppages, fire, explosion, riot, sabotage, or war. Increased cost of performance or changed business or economic circumstances shall be presumed not to be circumstances beyond Schnitzer's reasonable control.

L. Prior Approval

Where DEQ review and approval is required for any plan or activity under this Agreement, Schnitzer shall not proceed to implement the plan or activity until DEQ approval is received. Any DEQ delay in granting or denying approval shall correspondingly extend the time for completion by Schnitzer. Prior approval shall not be required in emergencies where Schnitzer reasonably believes a delay in undertaking a particular action will threaten human health, safety, or the environment; provided that Schnitzer notifies DEQ of the emergency and action as soon as is practicable.

M. Dispute Resolution

In the event of disagreement between Schnitzer and DEQ regarding implementation of this Agreement, Schnitzer and DEQ shall, in the following order: 1) make a good faith effort to resolve the dispute between Project Managers; 2) if necessary, refer the dispute for resolution by the immediate supervisors of the Project Managers; 3) if necessary, provide each other their respective positions in writing and refer the dispute for resolution by DEQ's Administrator of the Waste Prevention and Management Division or the appropriate Region Administrator and Schnitzer's Project Manager; and 4) if necessary, refer the dispute for resolution by DEQ's Director and Schnitzer's (DIRECTOR'S COUNTERPART). DEQ's final decision after such dialogue shall be enforceable under this Agreement. The time required for dispute resolution shall correspondingly extend Schnitzer's schedule for all pending, affected deliverables or activities.

N. Enforcement of Agreement and Reservation of Rights

1. In the event of Schnitzer's failure to comply with this Agreement (including any failure to reimburse oversight costs), DEQ may enforce this Agreement as an order under ORS 465.260(5) or may terminate this Agreement after thirty (30) days written notice to Schnitzer.

2. In the event of DEQ's failure to provide oversight in accordance with this Agreement, Schnitzer may terminate this Agreement after thirty (30) days written notice to DEQ. Costs incurred or obligated by DEQ before the effective date of any termination of this Agreement shall be owed under the Agreement notwithstanding such termination.

3. Schnitzer does not admit any facts (including those recited herein), legal issues, liability, or violation of law by virtue of entering this Agreement.

4. Except as otherwise provided in Subsection II.O., nothing in this Agreement shall prevent Schnitzer from exercising any rights of contribution or indemnification Schnitzer might have against any person, including the State of Oregon, regarding the release(s) of hazardous substances that are the subject of this Agreement; provided Schnitzer waives any right it might have under ORS 465.260(7) to seek reimbursement from the Hazardous Substance Remedial Action Fund for costs incurred under this Agreement.

5. Schnitzer agrees not to litigate, in any proceeding brought by DEQ to enforce this Agreement, any issue other than Schnitzer's or DEQ's compliance with this Agreement.

6. The PEO ~~site~~Site is part of the Portland Harbor which was listed on the federal National Priority List (NPL) site in December 2000, and DEQ agrees to cooperate with Schnitzer to encourage EPA to accept the satisfactory and complete performance of the work under any subsequently issued EPA Agreement on Consent, Order or Consent Decree. If EPA does not agree that such performance under this Agreement fulfills the EPA-imposed obligations, the Agreement may be modified pursuant to Subsection II.Q. or terminated at the election of DEQ or Schnitzer.

O. Hold Harmless

1. Schnitzer shall save and hold harmless the State of Oregon and its commissions, agencies, officers, employees, contractors, and agents, and indemnify the foregoing, from

and against any and all claims arising from acts or omissions related to this Agreement of Schnitzer or its officers, employees, contractors, agents, receivers, trustees, or assigns. DEQ shall not be considered a party to any contract made by Schnitzer or its agents in carrying out activities under this Agreement.

2. To the extent permitted by Article XI, Section 7, of the Oregon Constitution and by the Oregon Tort Claims Act, the State of Oregon shall save and hold harmless Schnitzer and its officers, employees, contractors, and agents, and indemnify the foregoing, from and against any and all claims arising from acts or omissions related to this Agreement of the State of Oregon or its commissions, agencies, officers, employees, contractors, or agents (except for acts approving or omissions constituting approval of any activity of Schnitzer under this Agreement). Schnitzer shall not be considered a party to any contract made by DEQ or its agents in carrying out activities under this Agreement.

P. Parties Bound

This Agreement shall be binding on the parties and their respective successors, agents, and assigns. The undersigned representative of each party certifies that he or she is fully authorized to execute and bind such party to this Agreement. No change in ownership or corporate or partnership status relating to the facility shall in any way alter Schnitzer's obligations under this Agreement, unless otherwise approved in writing by DEQ.

Q. Modification

DEQ and Schnitzer may modify this Agreement by mutual written agreement.

R. Duration and Termination

Upon completion of work under this Agreement, Schnitzer shall submit to DEQ a written notice of completion. This Agreement shall be deemed satisfied and terminated upon payment of all oversight costs owed and upon DEQ's issuance of a letter acknowledging satisfactory completion of activities in accordance with this Agreement. Such letter shall be issued within sixty (60) days of receipt of notice of completion evidencing satisfactory completion of activities in accordance with this Agreement and payment of outstanding DEQ oversight costs, or as soon thereafter as is reasonably practicable. In the event that DEQ is unable to issue such letter within sixty days of receipt of Schnitzer's written notice of completion, DEQ

shall provide Schnitzer with a written schedule upon which DEQ anticipates review of Schnitzer's work and issuance of that letter.

Schnitzer Investment Corp.

By: _____ Date: _____
(Name)

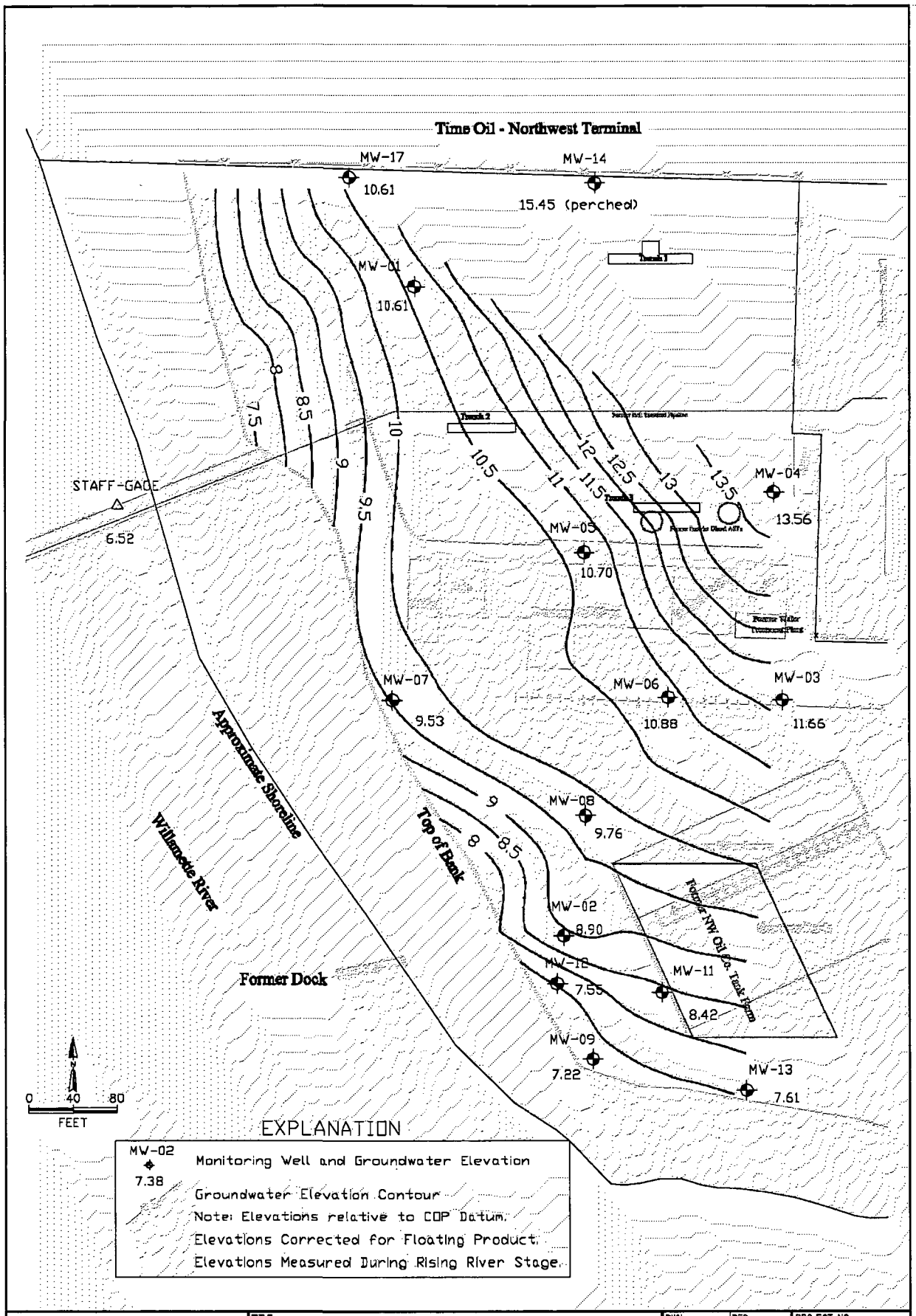
_____
(Title)

STATE OF OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY

By: _____ Date: _____
(Name)

_____
(Title)

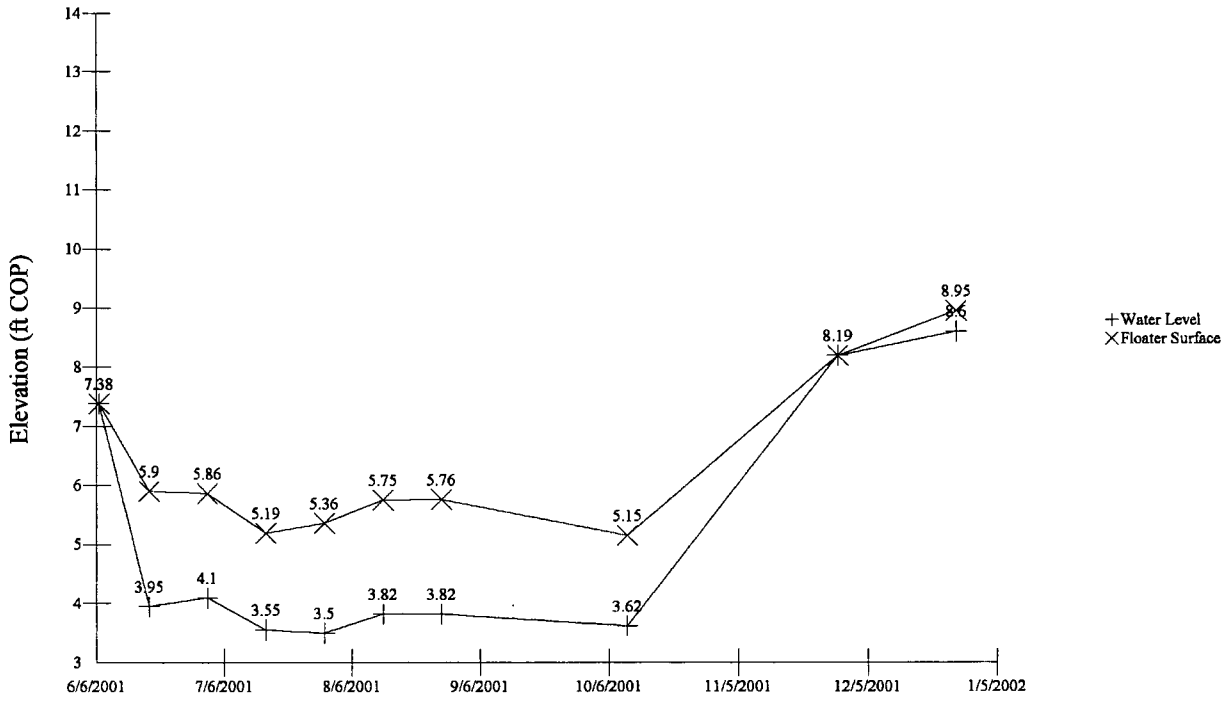
KBB/GEN30415



TITLE:	DWN:	DES.:	PROJECT NO.:
Groundwater Elevations (ft-COP) December, 2001 Schnitzer – PEO	jgdp		52-00180063
	CHKD:	APPD:	FIGURE NO.:
	DATE: 1/21/02	REV.: 0	3

SCHN00332968

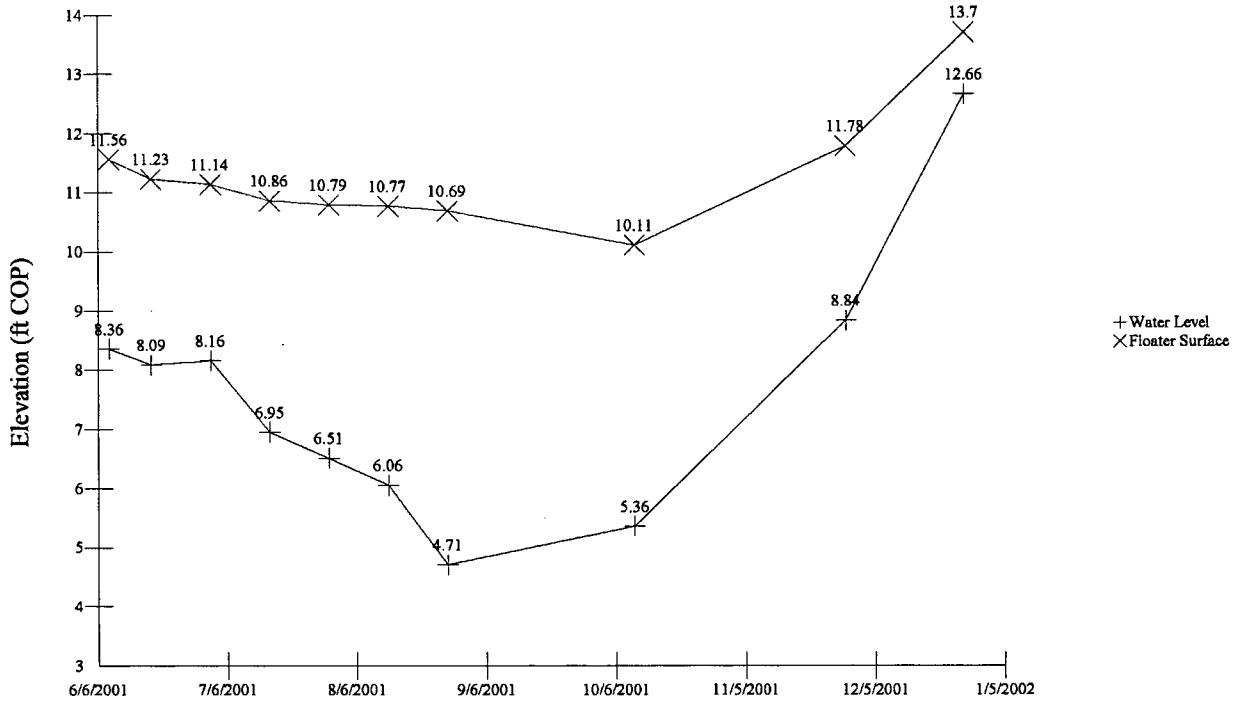
MW-02



Floating Product Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332969

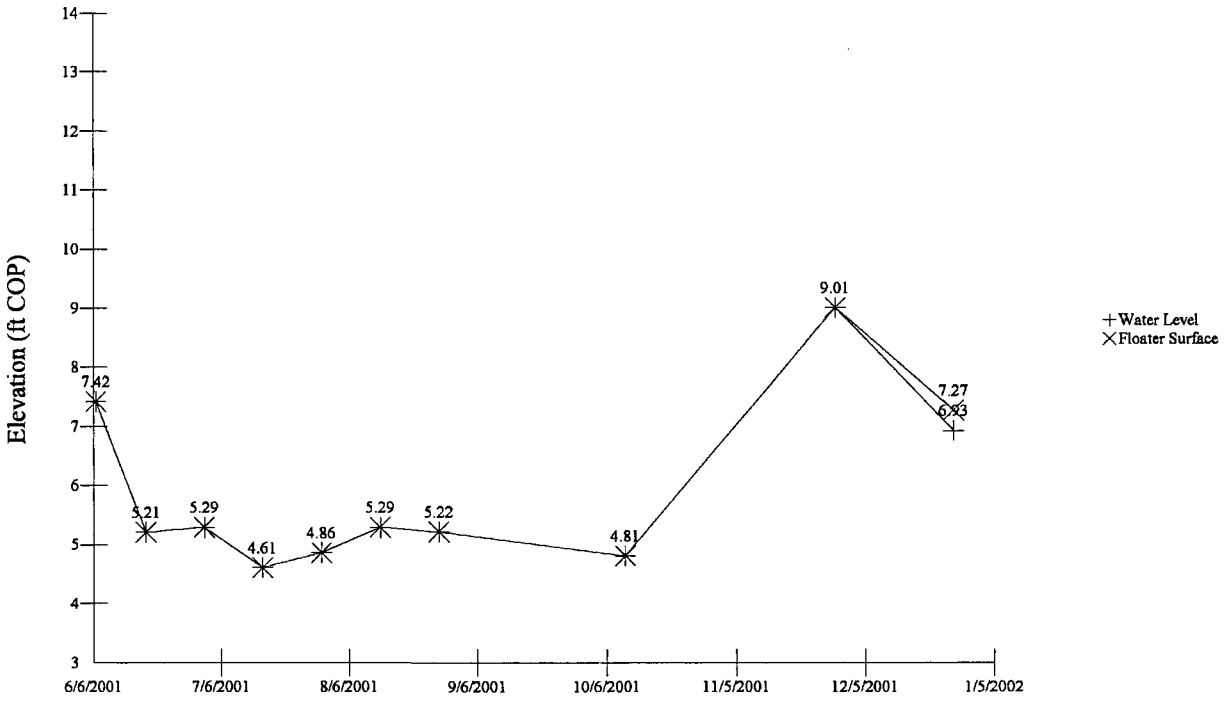
MW-04



Floating Product Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332970

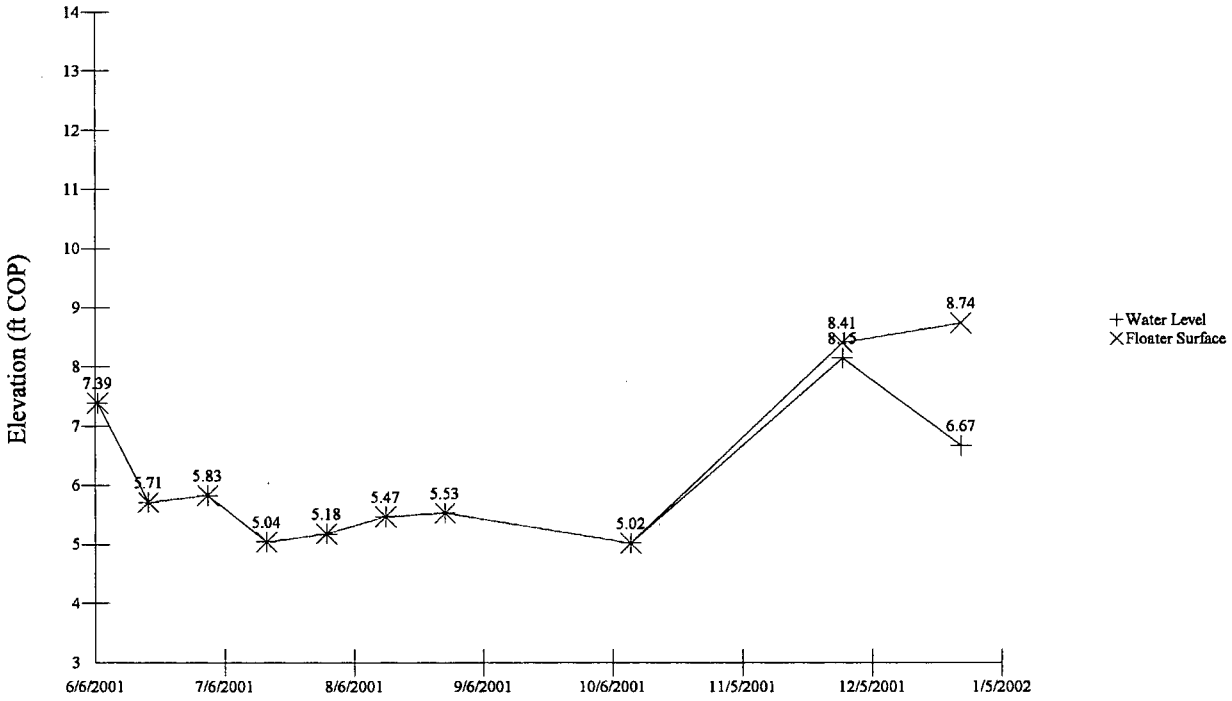
MW-09



Floating Product Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332971

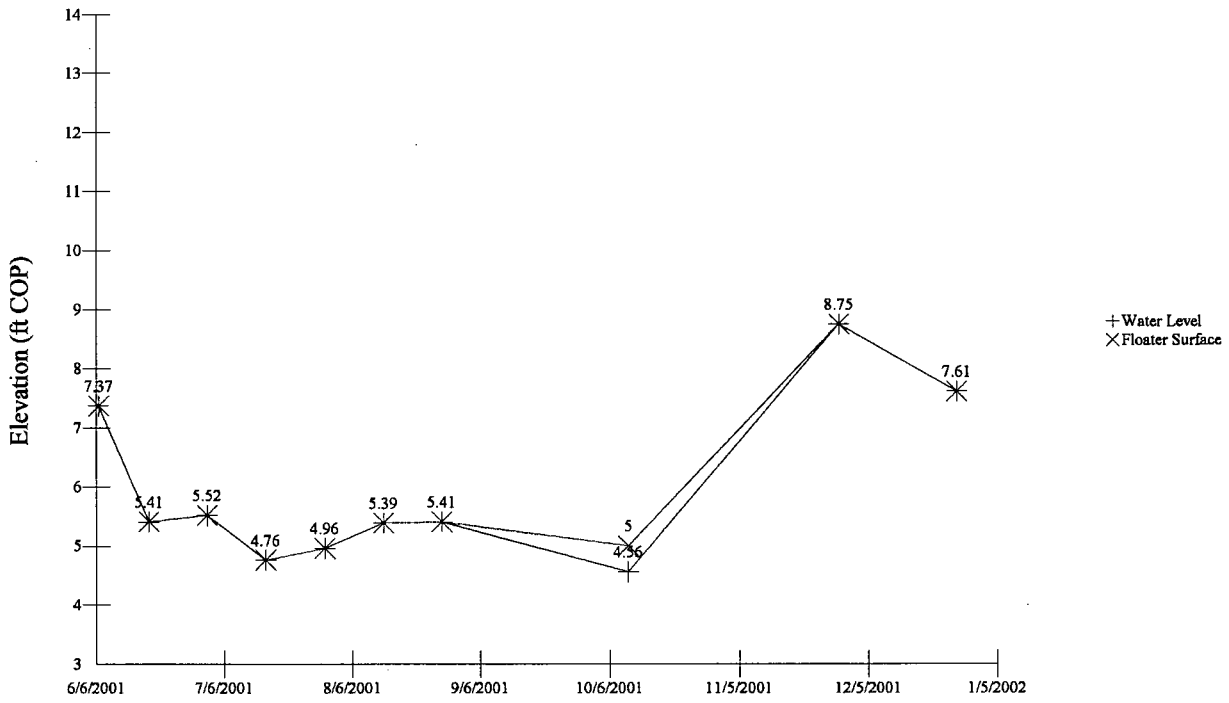
MW-11



Floating Product Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332972

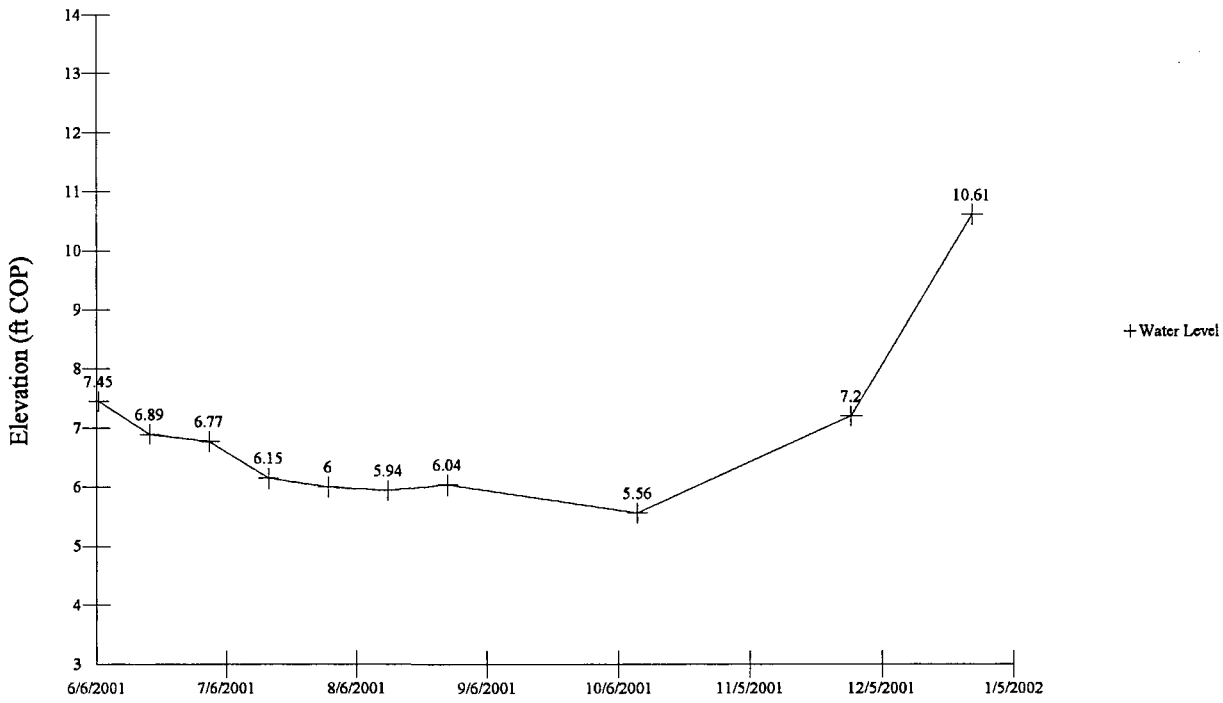
MW-13



Floating Product Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332973

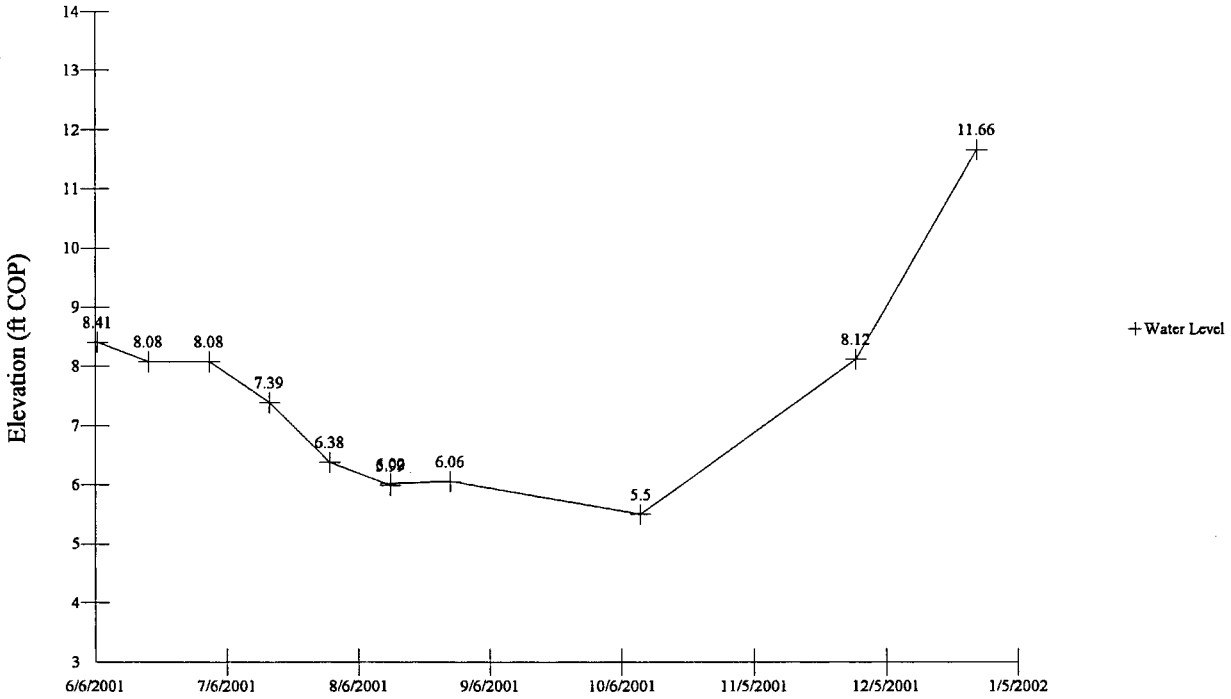
MW-01



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332974

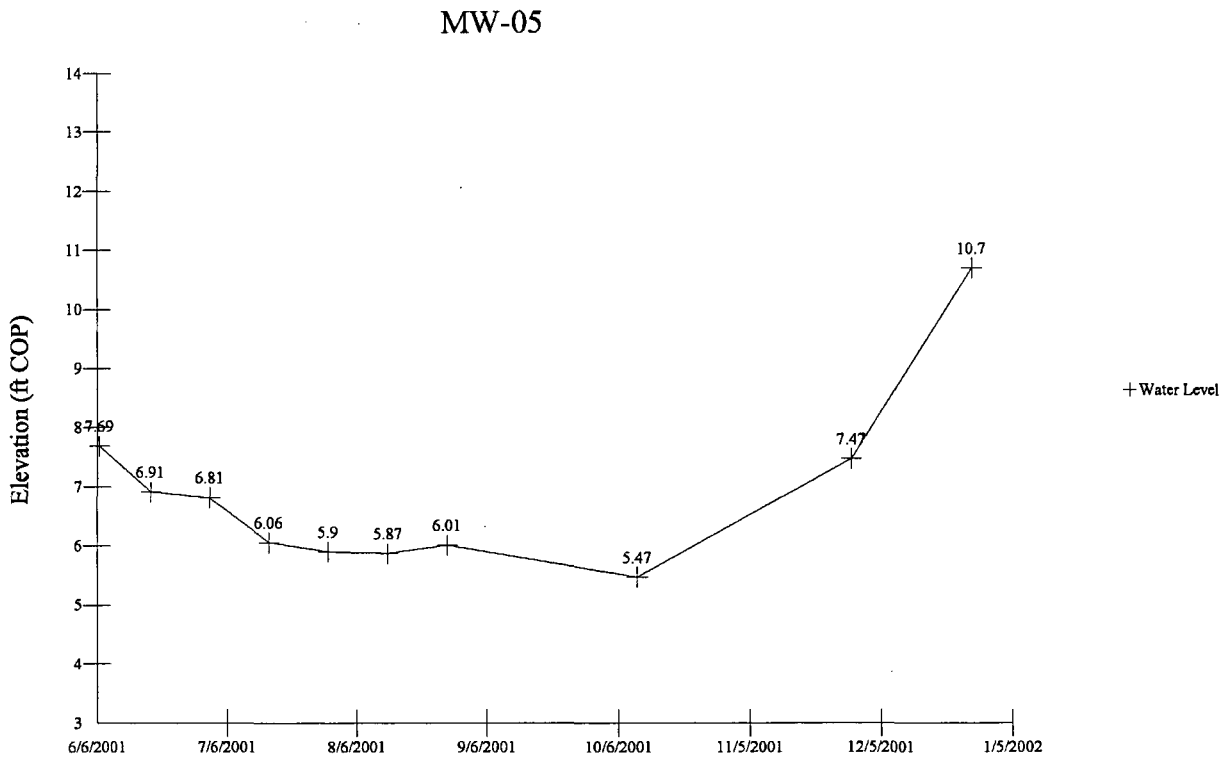
MW-03



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332975

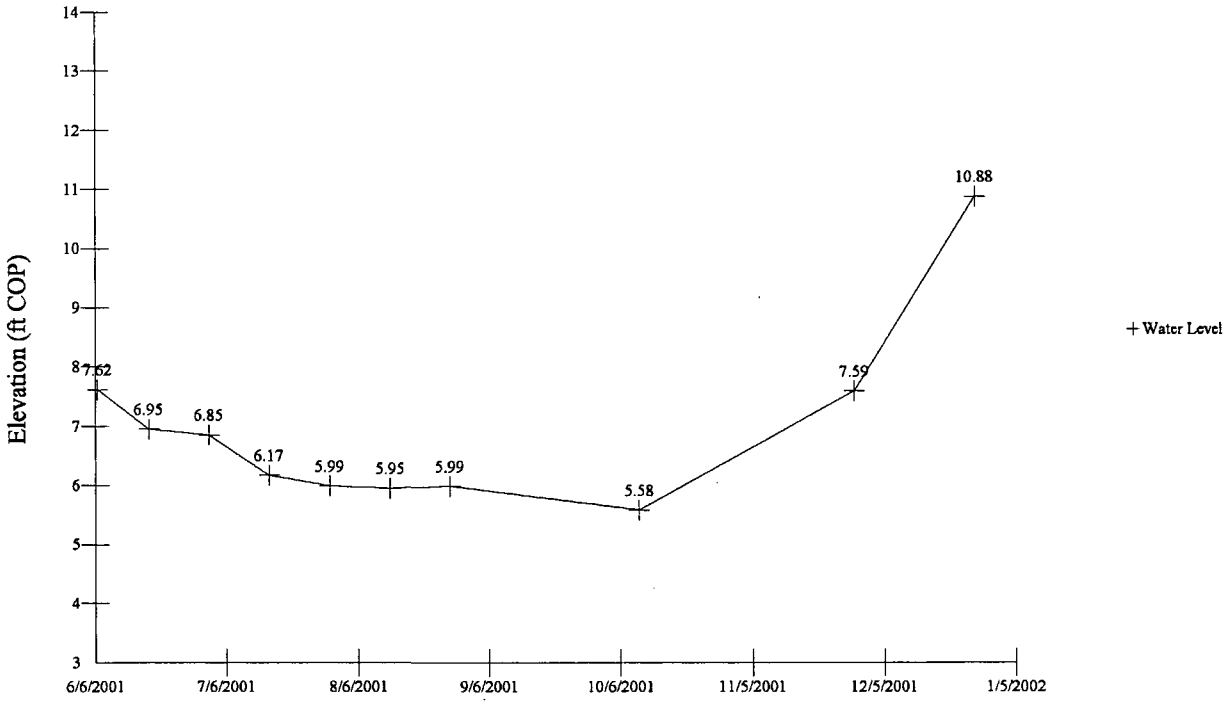
MW-05



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332976

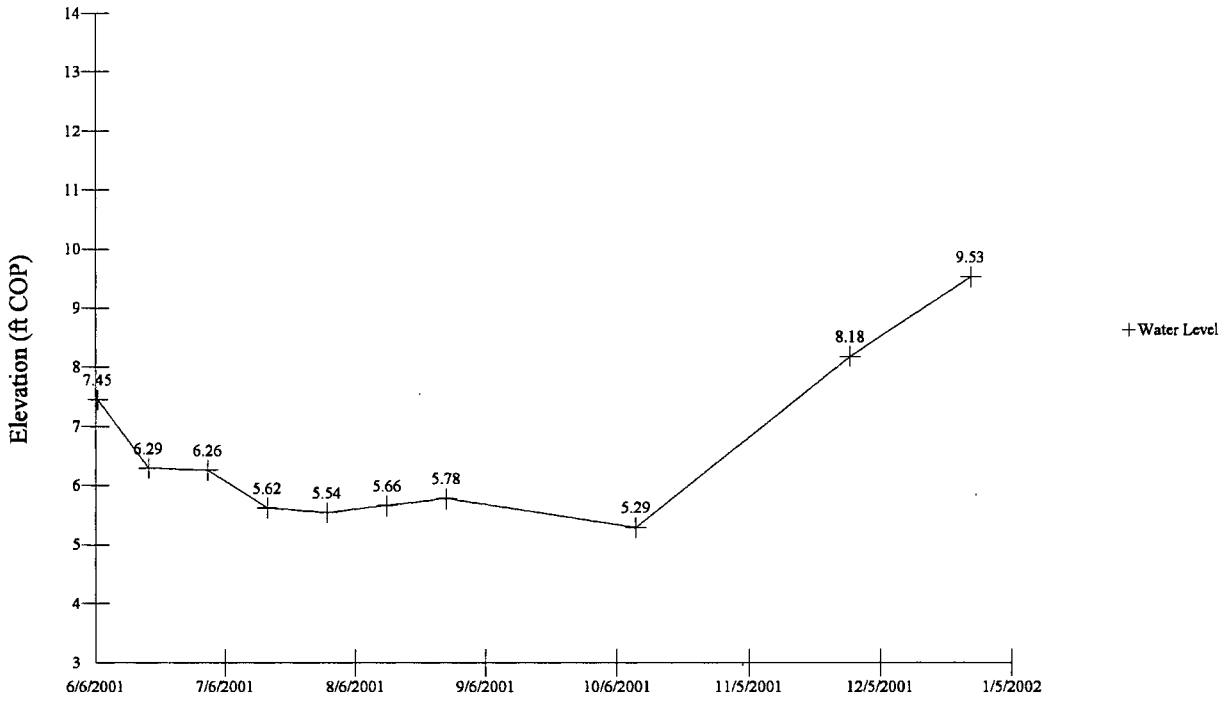
MW-06



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332977

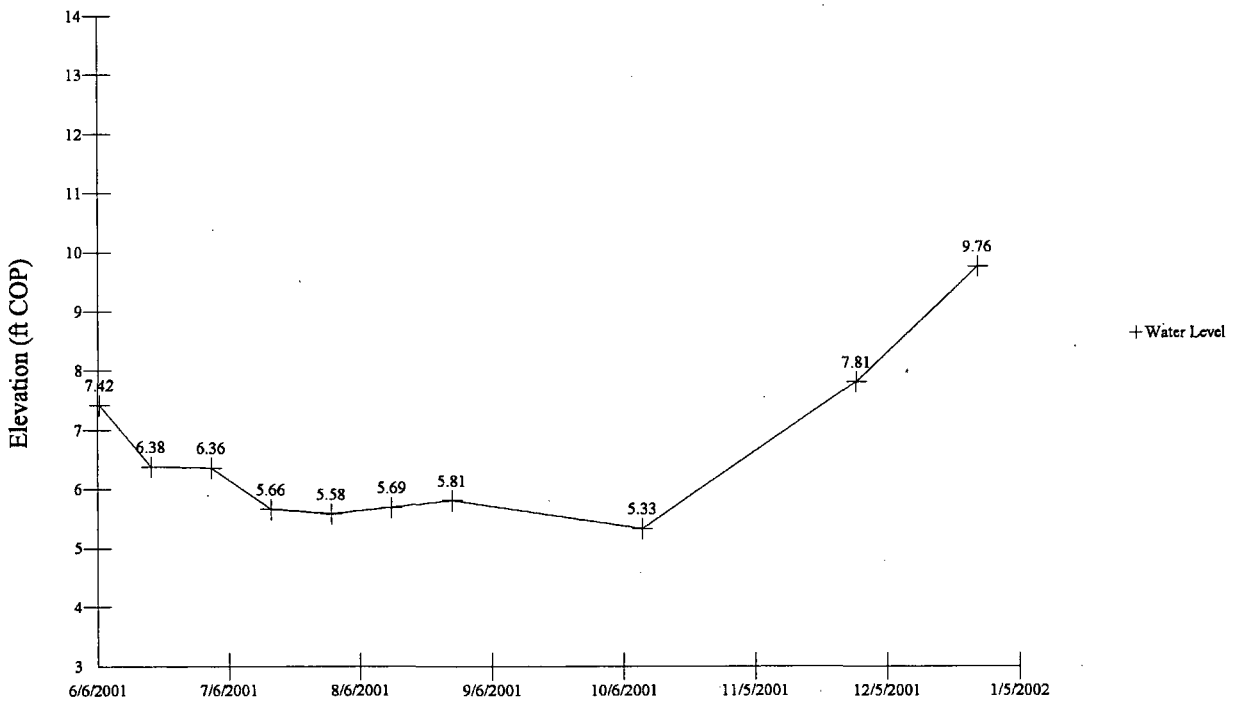
MW-07



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

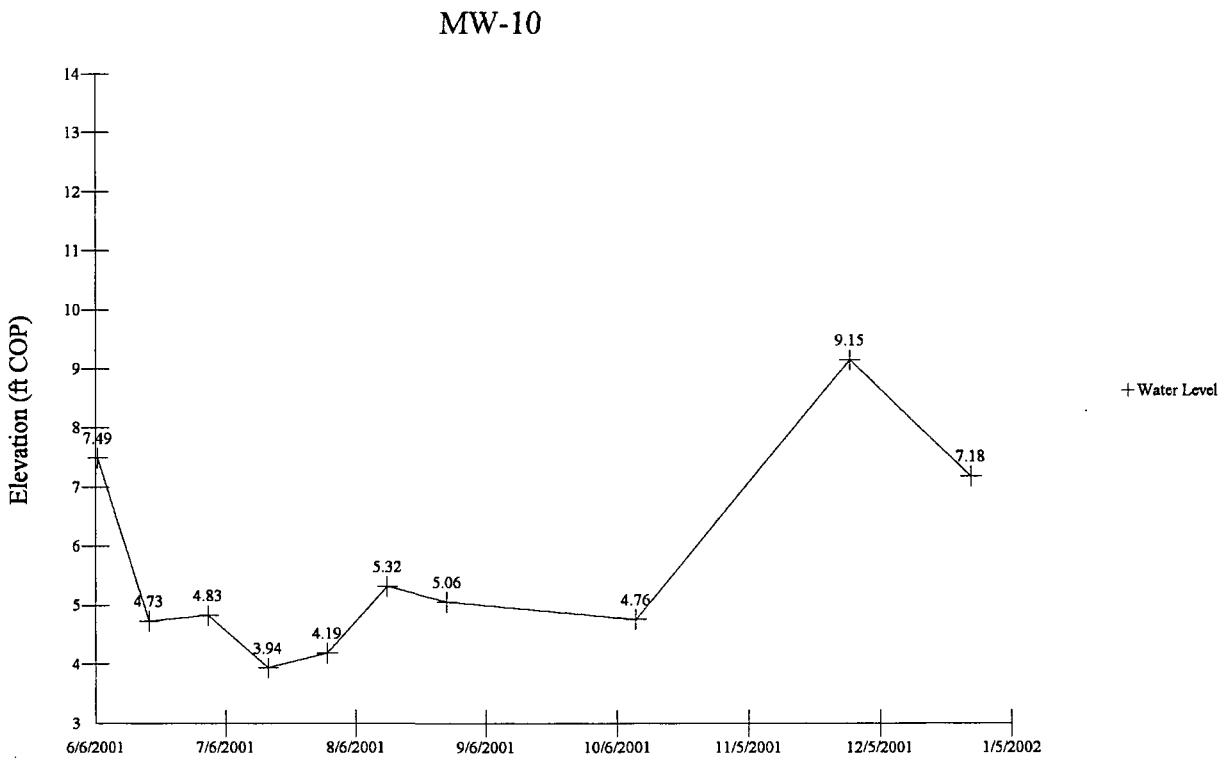
SCHN00332978

MW-08



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

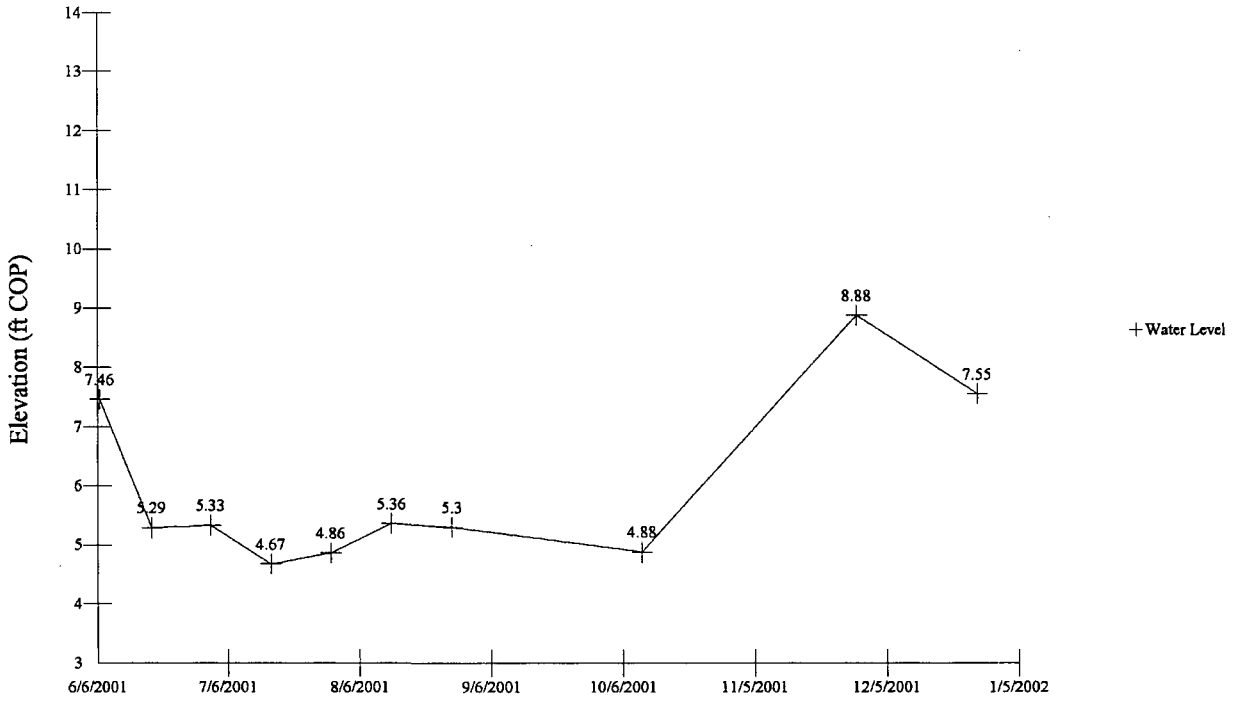
SCHN00332979



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

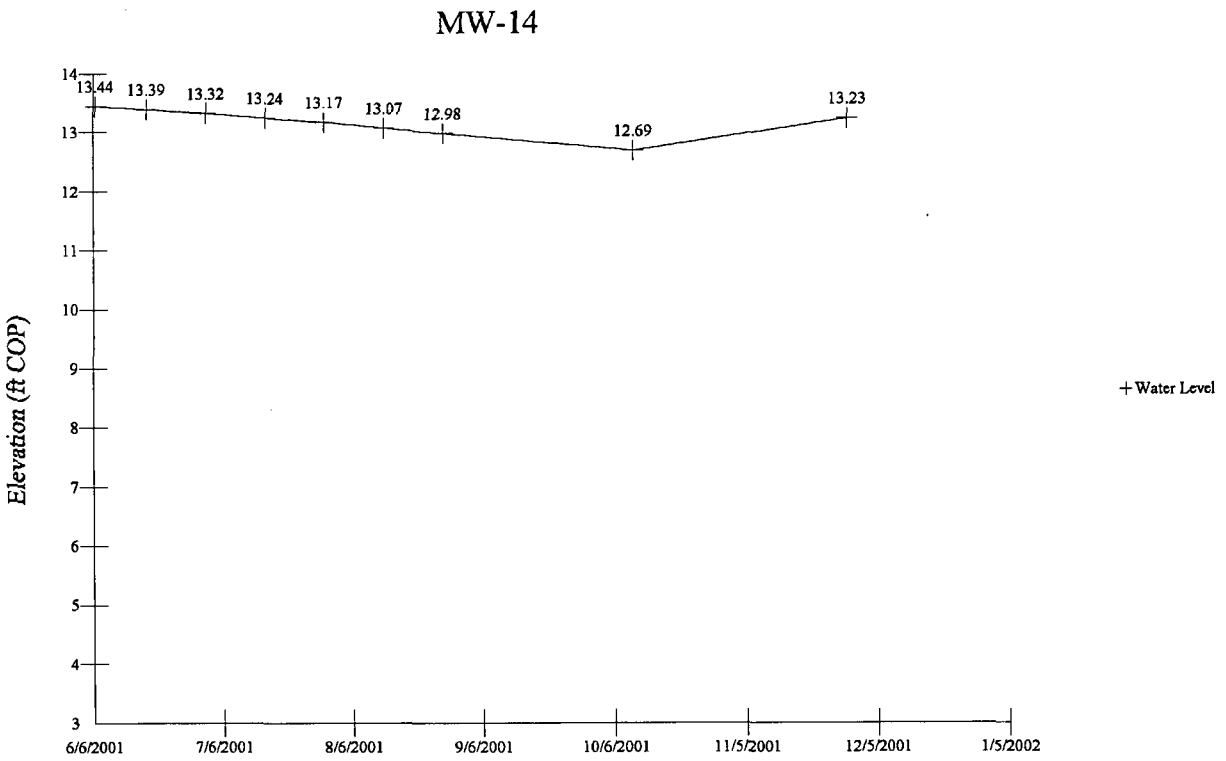
SCHN00332980

MW-12



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

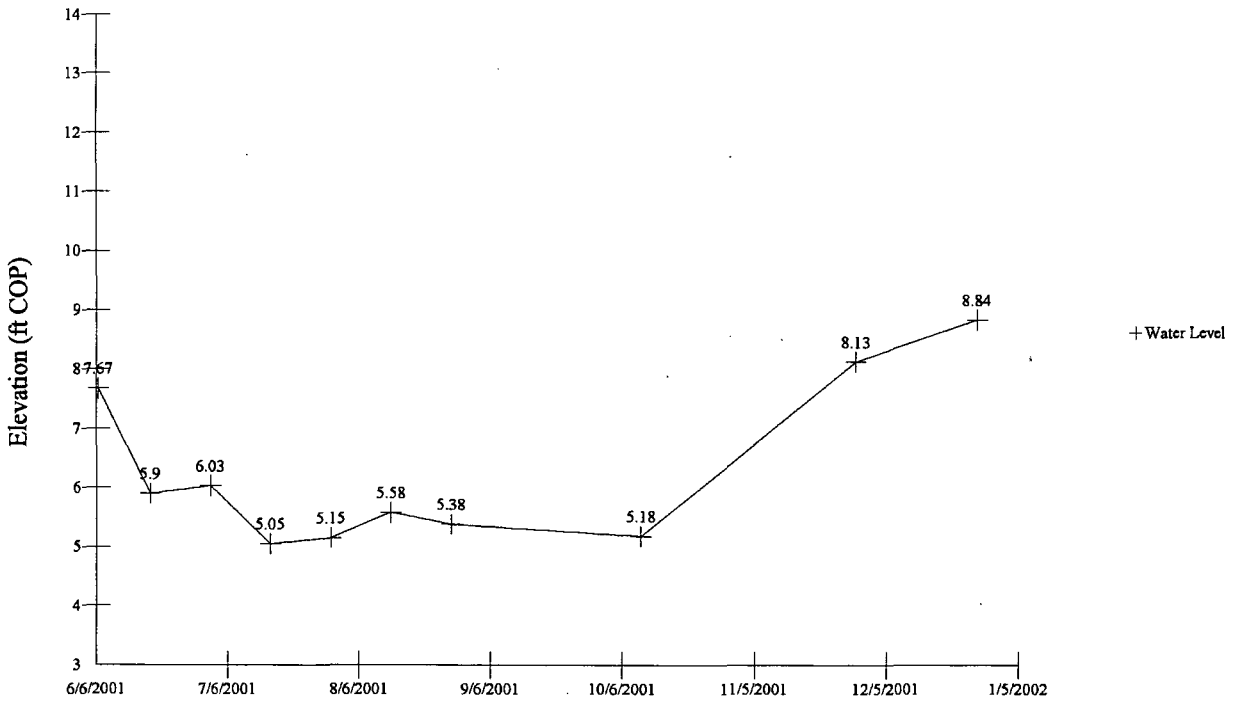
SCHN00332981



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332982

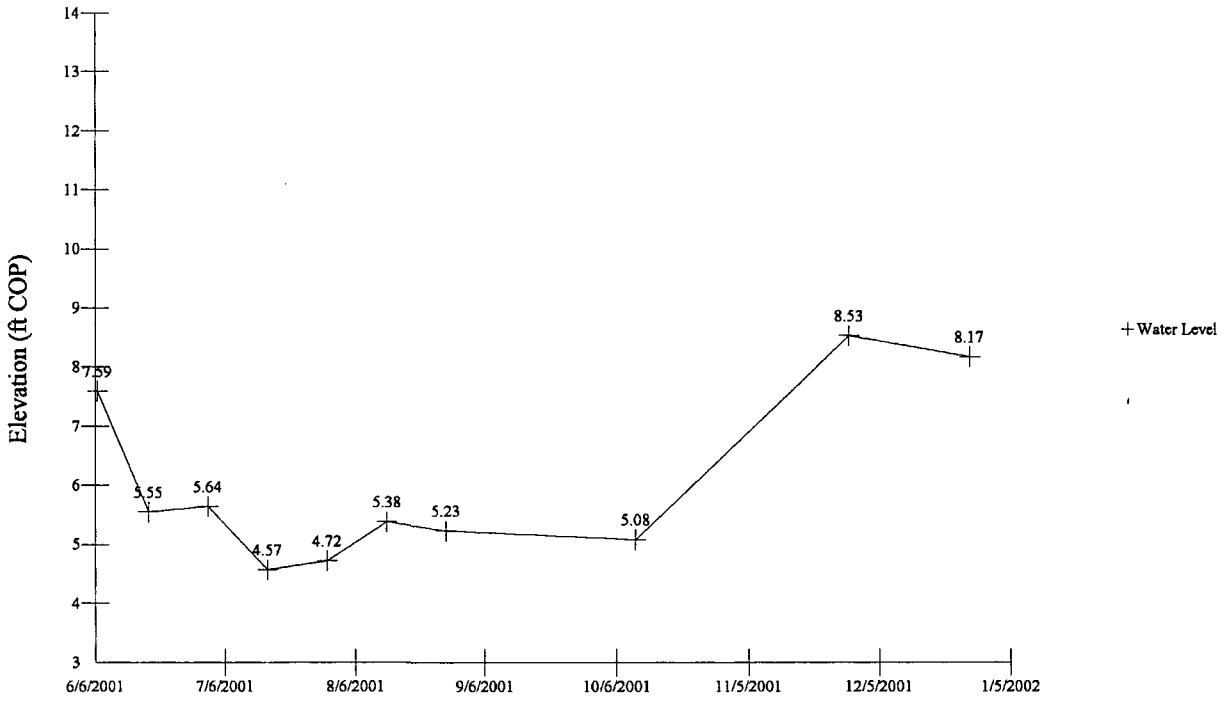
MW-15



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332983

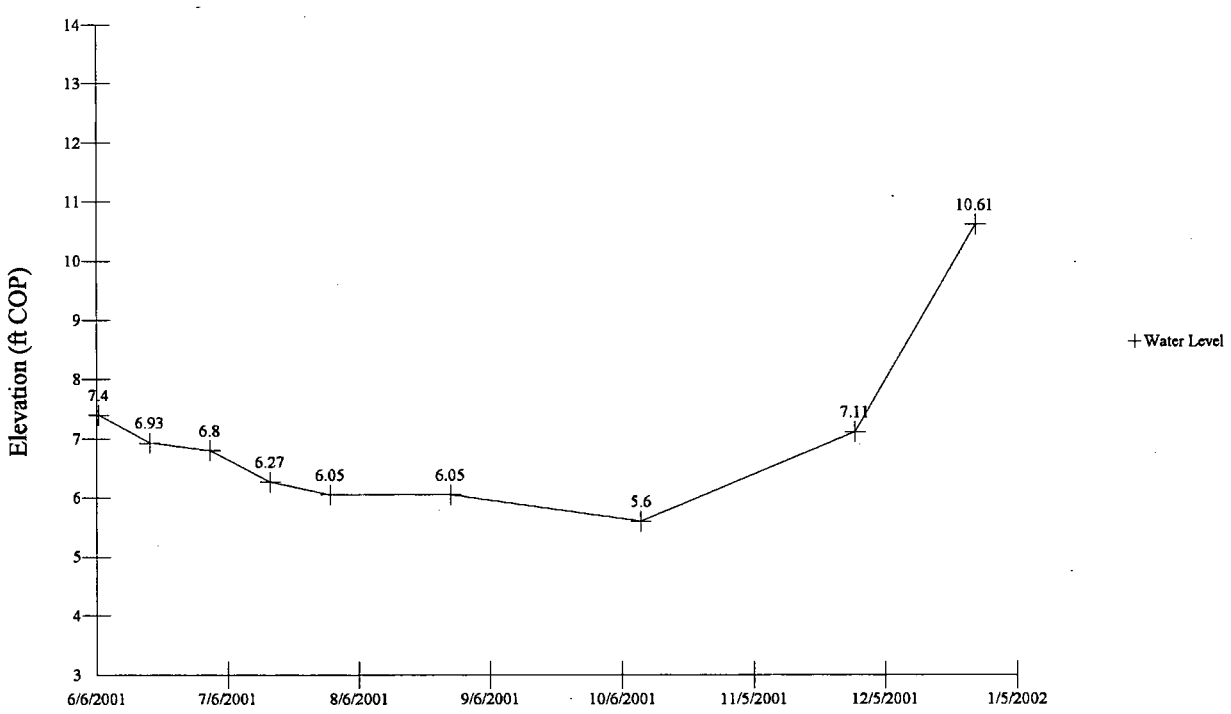
MW-16



Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

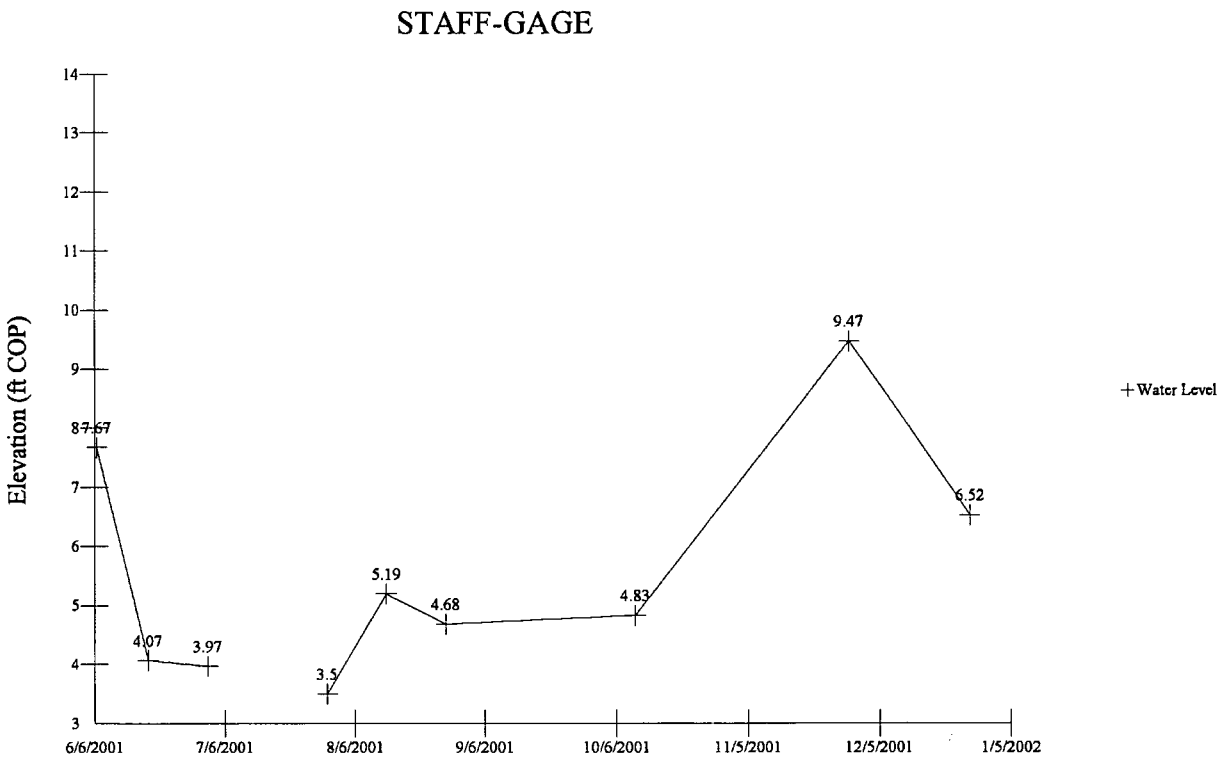
SCHN00332984

MW-17



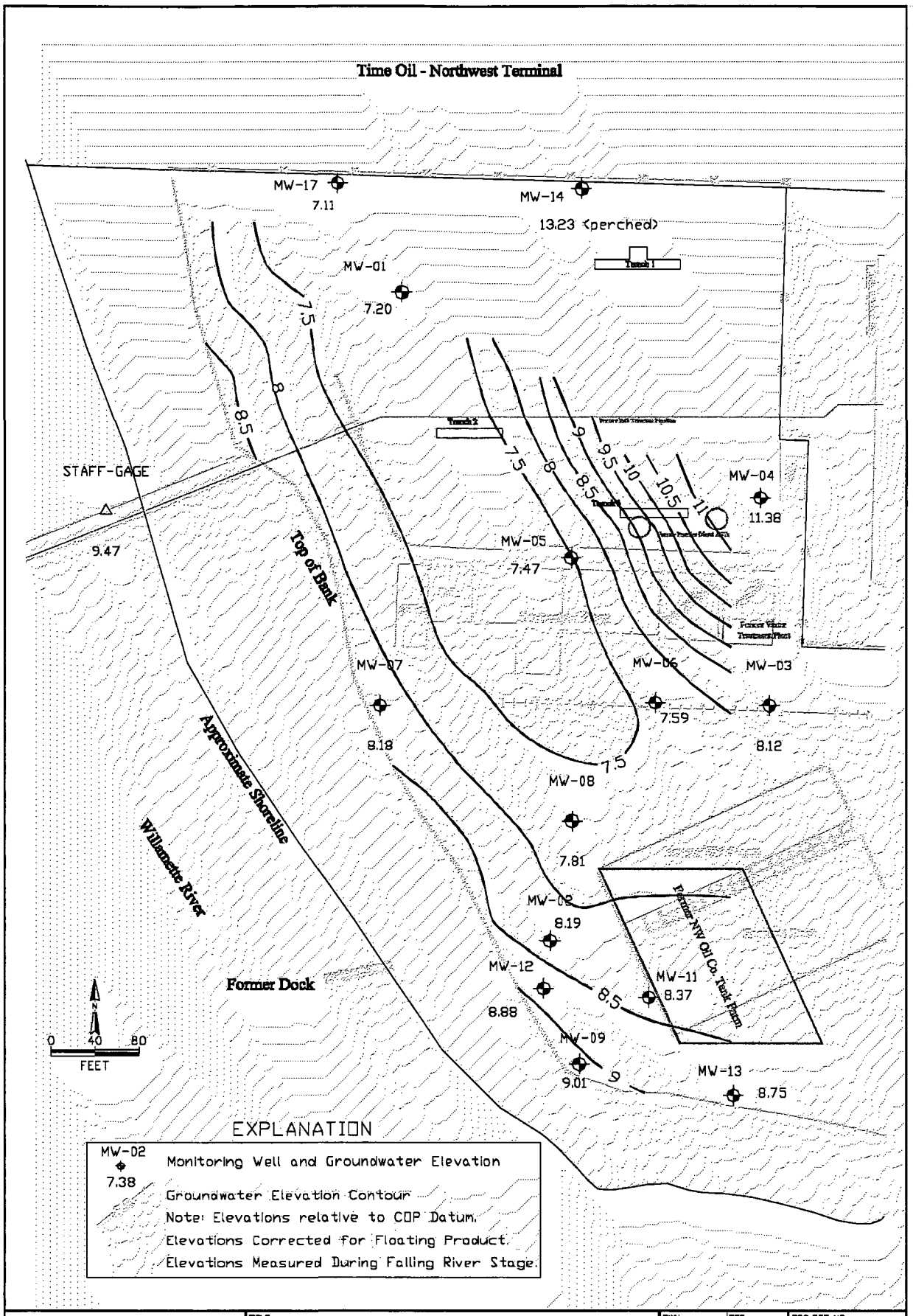
Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332985

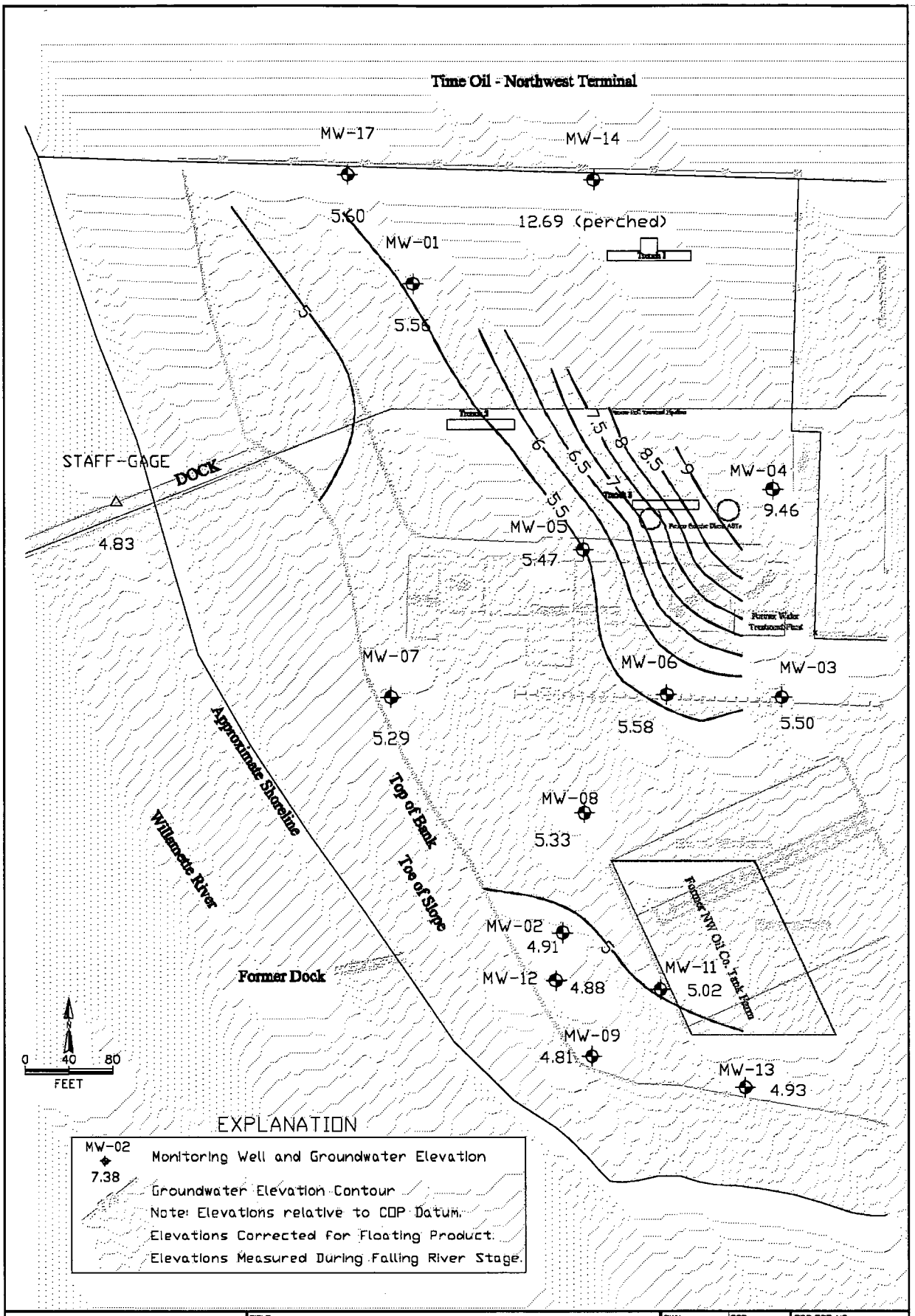


Hydrograph
Schnitzer – Premiere Edible Oils
Portland, OR
52-00180063

SCHN00332986



TITLE:	DWN:	DES.:	PROJECT NO.:
Groundwater Elevations (ft-COP) November, 2001 Schnitzer - PEC	jgdp		52-00180063
	CHKD:	APPD:	FIGURE NO.:
	DATE: 1/21/02	REV.: 1	2



	TITLE: Groundwater Elevations (ft-COP) October, 2001 Schnitzer – PEO	DWN: jgdp	DES.:	PROJECT NO.: 52-00180063
		CHKD:	APPD:	FIGURE NO.: 1
		DATE: 1/21/02	REV.: 1	

SCHN00332988

BRIDGEWATER GROUP, INC.
4500 SW KRUSE WAY; STE 110
LAKE OSWEGO, OR 97035
TEL: (503) 675-5252
FAX: (503) 675-1960

February 6, 2002

Ms. Alicia C. Voss
Department of Environmental Quality
Northwest Regional Office
2020 SW Fourth Avenue, 4th Floor
Portland, OR 97201

Subject: Preliminary Results – Geoprobe Investigation
Time Oil – Bell Terminal facility, western area

Dear Alicia:

As required by Section 4.3 of the DEQ-approved Remedial Investigation/Feasibility Study Scope of Work for the Premier Edible Oils site, Schnitzer Investment Corp's consultants Bridgewater Group, Inc (Bridgewater) and URS conducted an initial Geoprobe™ sampling program on the western portion of Time Oil's Bell Terminal facility.

On October 9 and 10, 2001, soil and groundwater samples were obtained from seven locations on the western portion of Time Oil's Bell Terminal facility and the preliminary results for the Bell Terminal investigation are submitted with this letter, which has been prepared on behalf of Schnitzer Investment Corp (SIC). Specifically, we are providing the DEQ with:

(1) data tables (detections only; non-validated); and

(2) groundwater chemistry maps.

Tables 1 through 8 and Figures 1 through 7 are attached to this letter. Each table/figure is numbered and references to specific figures are identified in the following text. The unvalidated data package is provided as an Appendix A to this letter. The boring logs are provided in Appendix B. A complete and validated data package will be provided as part of the Remedial Investigation Report and Risk Assessment.

This letter and the attached material are being provided to the DEQ to facilitate discussion between DEQ, Time Oil, and SIC on the need for additional characterization within the western portion of the Bell Terminal facility (either the drilling of additional Geoprobe borings and associated soil/groundwater samples or the installation of monitoring wells or both).

Background

The general site location is presented on Figure 1. Figure 2 identifies the approximate location of the former Bell Terminal pipeline; the former PEO above-ground diesel storage tanks; and the concrete retaining wall that surrounds the Bell Terminal tank farm. Figure 3 identifies the locations of Geoprobe™ borings. The various sampling locations are labeled using the nomenclature presented in the April 2001 Sampling and Analysis Plan. Figure 3 also identifies the features shown in Figure 2, plus the existing single-story office along the Premier Edible Oils/Time Oil property boundary.

The physical and chemical data obtained from the Bell Terminal investigation are summarized in the following sections.

Geologic Conditions

Geologic information from URS' field notes indicates the following conditions are present on the western portion of the Bell Terminal facility:

- sandy material is present from ground surface to a depth of approximately 18 to 20 feet below ground surface (bgs).
- a continuous silt/clay aquitard was encountered at all boring locations at a depth of approximately 18 to 20 feet below ground surface.
- unsaturated soil conditions were present above the silt/clay layer at two boring locations: GP-BLT-58 and GP-FPL-64.

All borings were terminated within the silt/clay aquitard; no soil or groundwater samples were taken below depths of 20 feet bgs to maintain the intergrity of the confining geologic unit.

Shallow Groundwater Chemistry Maps

Groundwater sampling results, presented as non-validated detections, are provided on Tables 1 through 4 for detected gasoline range hydrocarbons, diesel range hydrocarbons, VOCs, and PAHs, respectively. The detected groundwater concentrations for gasoline range hydrocarbons, the diesel range hydrocarbons, VOCs, and PAHs are presented on Figures 4, 5, 6, and 7 respectively.

These figures also incorporate Bridgewater Group's 1998 Geoprobe™ and 2001 Second Quarter Groundwater Well monitoring data for the central and eastern portions of the PEO site, in addition to the October 2001 Bell Terminal Geoprobe™ sampling results. These additional data are included to provide a preliminary assessment of groundwater conditions within the general vicinity of the PEO/Bell Terminal property boundary. However, there is variation in the measured concentrations between Geoprobe™ samples and monitoring well samples that introduces some level of uncertainty when comparing the analytical results.

Each figure is summarized as follows:

- Figure 4 illustrates that the highest detection of gasoline range hydrocarbons occurred along the southern portion of the concrete wall (location GP-BLT-61). The gasoline range hydrocarbons decreased with distance away from the former Bell Terminal pipeline, with the exception of location GP-BLT-61. The gasoline range hydrocarbons present at GP-BLT-61 are upgradient, given a southwesterly groundwater flow direction, of the detected gasoline range hydrocarbons at GW-60. Given that location GP-BLT-61 is upgradient of location GW-60, the source associated with the hydrocarbons present at location GP-BLT-61 is likely present on the Bell Terminal property.
- Figure 5 illustrates that the highest detection of diesel range hydrocarbons occurred along the Bell Terminal/Premier Edible Oils property boundary, adjacent to the one-story office building (location GP-BLT-63). The highest detection (530,000 ug/l) along the Bell Terminal concrete wall occurred adjacent to the former Bell Terminal pipeline (location GP-BLT-56). The diesel range hydrocarbons present at these two locations are upgradient of the diesel range hydrocarbons present at MW-4. Given that the two locations are upgradient of MW-4, the source associated with the hydrocarbons present at locations GP-BLT-63 and GP-BLT-56 is most likely to be present on the Bell Terminal property.
- Figure 6 presents volatile organic compound concentrations (VOCs) detected in shallow groundwater. These concentrations, ranging from 31 to 230 μg/L, are generally consistent with the gasoline range hydrocarbons presented in Figure 4, although the highest total VOC concentration occurred at location GP-BLT-56 (whereas the the highest gasoline range hydrocarbons were detected at location GP-BLT-61).
- Figure 7 indicates that both non-carcinogenic and carcinogenic PAHs, consistent with the detections of diesel range hydrocarbons, are present at most sampling locations.

The elevated concentration of detected diesel range hydrocarbons at location GP-BLT-63, coupled with the detection of carcinogenic PAHs (which have solubilities at or below the detection limits), suggests that non-aqueous phase liquid (NAPL) may be present at this location. There is NAPL material present at MW-4, which is downgradient of GP-BLT-63; the NAPL at MW-4 is diesel, as described in Bridgewater's September 7, 2001 letter report to DEQ titled ***Preliminary Results- Remedial Investigation, Premier Edible Oils Site***.

Unsaturated soil conditions were encountered at locations GP-BLT-58 and GP-FPL-64. No groundwater samples were obtained and there were no indications of a smear zone (i.e. – there were no visual indications of petroleum hydrocarbons nor were there elevated PID readings).

Soil Chemistry Tables

Soil samples were collected from depth intervals where there were visual indications of contamination and elevated photoionization detector (PID) readings. Soil samples were collected at depths of approximately 16 to 20 feet bgs, from the capillary fringe or smear zone. Soil data are presented in Tables 4 throuhg 8.

The soil data are consistent with and confirm the groundwater analytical results for diesel range hydrocarbons, gasoline range hydrocarbons, VOCs, and PAHs.

Next Steps

Bridgewater Group, in its September 7, 2001 letter report to DEQ titled ***Preliminary Results- Remedial Investigation, Premier Edible Oils Site*** identified the following actions to be completed as part of the Remedial Investigation Scope of Work:

- Soil and groundwater sampling of the Time Oil - Bell Terminal property was a top priority to address source-related questions and refine the extent of petroleum contamination along the eastern boundary of the PEO site. If petroleum hydrocarbons were not detected on the western side of the Bell Terminal concrete wall, Bridgewater Group proposed to conduct additional borings along the former Time Oil Bell Terminal pipeline on both the Bell Terminal and PEO properties. ***Next Step:*** *While both gasoline-range and diesel-range hydrocarbons were detected upgradient of the Bell Terminal/PEO property boundary, no further characterization-related sampling on behalf of SIC is proposed for the western portion of Bell Terminal.*

- A deep monitoring well should be installed on the western portion of the Time Oil - Bell Terminal property to ascertain the regional presence of petroleum hydrocarbons and provide another sampling point for groundwater levels in this zone. ***Next step:*** *Given the presence of hydrocarbons in shallow groundwater at Bell Terminal, have Time Oil, as part of their remedial investigations, install a deep monitoring well in the vicinity of GP-BLT-56 to ascertain the regional presence of petroleum hydrocarbons and provide another sampling point for groundwater levels in this zone.*

We are ready to discuss this preliminary remedial investigation data and our recommended next steps with you at your earliest convenience. Please contact Jim Jakubiak (502-286-6976) to establish a meeting date and time.

Sincerely,

BRIDGEWATER GROUP, INC.

Vice President

Cc: Jim Brown/James C. Brown & Associates
Jim Jakubiak/SIC
Don Coberley/URS
Bill Cobb

Attachments: Tables
Figures