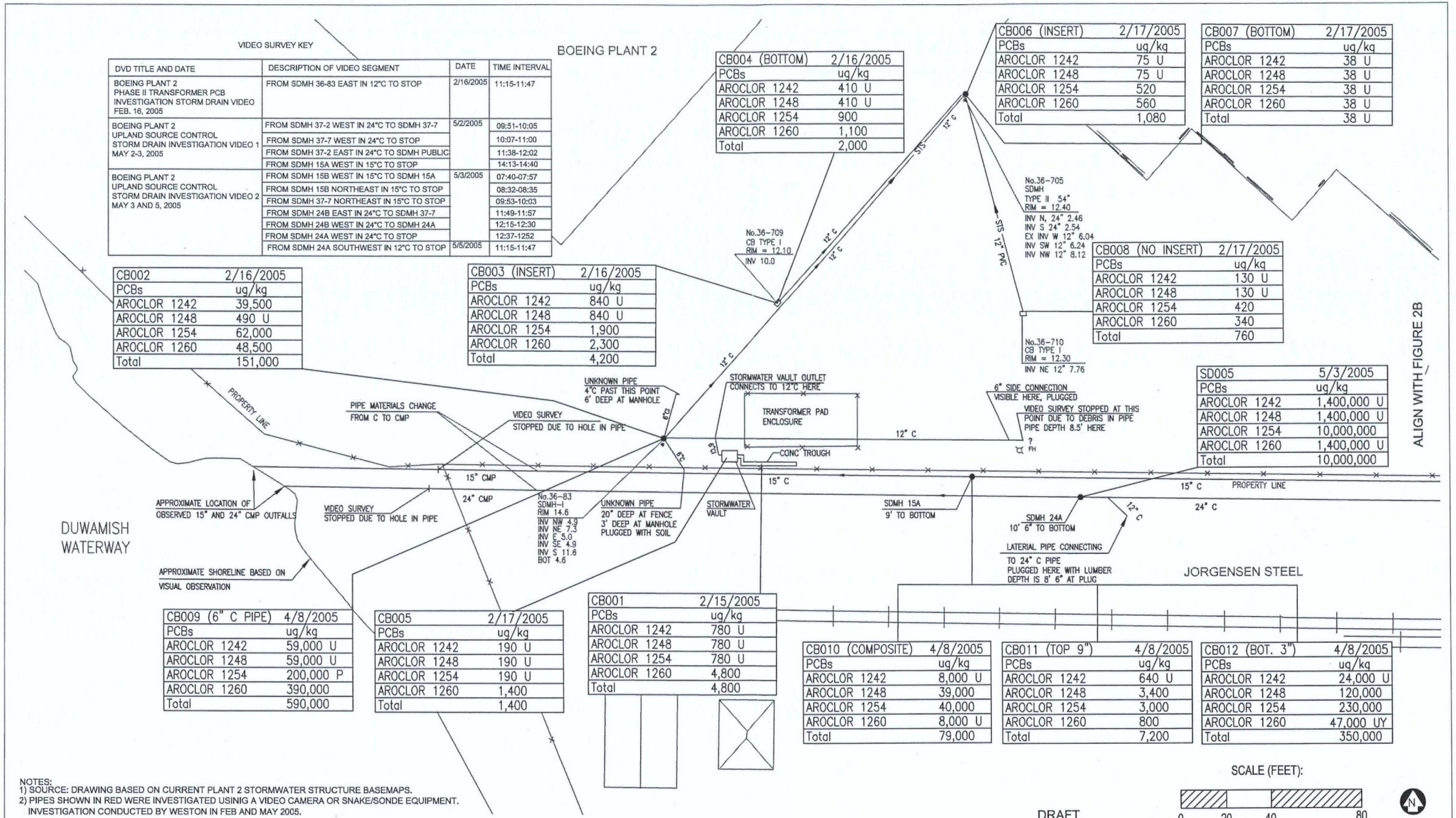
LDW
0541
JFOS
06/10/2005

VIDEO SURVEY KEY

DVD TITLE AND DATE	DESCRIPTION OF VIDEO SEGMENT	DATE	TIME INTERVAL
BOEING PLANT 2 PHASE II TRANSFORMER PCB INVESTIGATION STORM DRAIN VIDEO FEB. 16, 2005	FROM SDMH 36-83 EAST IN 12"C TO STOP	2/16/2005	11:15-11:47
BOEING PLANT 2 UPLAND SOURCE CONTROL STORM DRAIN INVESTIGATION VIDEO 1 MAY 2-3, 2005	FROM SDMH 37-2 WEST IN 24"C TO SDMH 37-7	5/2/2005	09:51-10:05
	FROM SDMH 37-7 WEST IN 24"C TO STOP		10:07-11:00
	FROM SDMH 37-2 EAST IN 24"C TO SDMH PUBLIC		11:38-12:02
	FROM SDMH 15A WEST IN 15"C TO STOP		14:13-14:40
BOEING PLANT 2 UPLAND SOURCE CONTROL STORM DRAIN INVESTIGATION VIDEO 2 MAY 3 AND 5, 2005	FROM SDMH 15B WEST IN 15"C TO SDMH 15A	5/3/2005	07:40-07:57
	FROM SDMH 15B NORTHEAST IN 15"C TO STOP		08:32-08:35
	FROM SDMH 37-7 NORTHEAST IN 15"C TO STOP		09:53-10:03
	FROM SDMH 24B EAST IN 24"C TO SDMH 37-7		11:49-11:57
	FROM SDMH 24B WEST IN 24"C TO SDMH 24A		12:15-12:30
	FROM SDMH 24A WEST IN 24"C TO STOP		12:37-1252
	FROM SDMH 24A SOUTHWEST IN 12"C TO STOP	5/5/2005	11:15-11:47



CB004 (BOTTOM)	2/16/2005
PCBs	ug/kg
AROCLOR 1242	410 U
AROCLOR 1248	410 U
AROCLOR 1254	900
AROCLOR 1260	1,100
Total	2,000

CB006 (INSERT)	2/17/2005
PCBs	ug/kg
AROCLOR 1242	75 U
AROCLOR 1248	75 U
AROCLOR 1254	520
AROCLOR 1260	560
Total	1,080

CB007 (BOTTOM)	2/17/2005
PCBs	ug/kg
AROCLOR 1242	38 U
AROCLOR 1248	38 U
AROCLOR 1254	38 U
AROCLOR 1260	38 U
Total	38 U

CB008 (NO INSERT)	2/17/2005
PCBs	ug/kg
AROCLOR 1242	130 U
AROCLOR 1248	130 U
AROCLOR 1254	420
AROCLOR 1260	340
Total	760

CB002	2/16/2005
PCBs	ug/kg
AROCLOR 1242	39,500
AROCLOR 1248	490 U
AROCLOR 1254	62,000
AROCLOR 1260	48,500
Total	151,000

CB003 (INSERT)	2/16/2005
PCBs	ug/kg
AROCLOR 1242	840 U
AROCLOR 1248	840 U
AROCLOR 1254	1,900
AROCLOR 1260	2,300
Total	4,200

SD005	5/3/2005
PCBs	ug/kg
AROCLOR 1242	1,400,000 U
AROCLOR 1248	1,400,000 U
AROCLOR 1254	10,000,000
AROCLOR 1260	1,400,000 U
Total	10,000,000

CB009 (6" C PIPE)	4/8/2005
PCBs	ug/kg
AROCLOR 1242	59,000 U
AROCLOR 1248	59,000 U
AROCLOR 1254	200,000 P
AROCLOR 1260	390,000
Total	590,000

CB005	2/17/2005
PCBs	ug/kg
AROCLOR 1242	190 U
AROCLOR 1248	190 U
AROCLOR 1254	190 U
AROCLOR 1260	1,400
Total	1,400

CB001	2/15/2005
PCBs	ug/kg
AROCLOR 1242	780 U
AROCLOR 1248	780 U
AROCLOR 1254	780 U
AROCLOR 1260	4,800
Total	4,800

CB010 (COMPOSITE)	4/8/2005
PCBs	ug/kg
AROCLOR 1242	8,000 U
AROCLOR 1248	39,000
AROCLOR 1254	40,000
AROCLOR 1260	8,000 U
Total	79,000

CB011 (TOP 9")	4/8/2005
PCBs	ug/kg
AROCLOR 1242	640 U
AROCLOR 1248	3,400
AROCLOR 1254	3,000
AROCLOR 1260	800
Total	7,200

CB012 (BOT. 3")	4/8/2005
PCBs	ug/kg
AROCLOR 1242	24,000 U
AROCLOR 1248	120,000
AROCLOR 1254	230,000
AROCLOR 1260	47,000 UY
Total	350,000

NOTES:
1) SOURCE: DRAWING BASED ON CURRENT PLANT 2 STORMWATER STRUCTURE BASEMAPS.
2) PIPES SHOWN IN RED WERE INVESTIGATED USINIG A VIDEO CAMERA OR SNAKE/SONDE EQUIPMENT. INVESTIGATION CONDUCTED BY WESTON IN FEB AND MAY 2005.

SCALE (FEET): 0 20 40 80

DRAFT

NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

UPLAND SOURCE CONTROL
BOEING PLANT 2
SEATTLE, WASHINGTON

WESTON SOLUTIONS — SEATTLE WASHINGTON

CHECKED / DATE
DES. ENG.
PROJ. ENG.
PROJ. MGR.
APPROVED
APPROVED

LEGEND
CHAIN LINK FENCE
C CONCRETE
PVC POLY VINYL CHLORIDE
CI CAST IRON
STORM WATER FLOW DIRECTION
U NOT DETECTED ABOVE GIVEN DETECTION LIMIT
Y DETECTION LIMIT ELEVATED DUE TO INTERFERENCES
P POSITIVELY IDENTIFIED BUT WITH RPD > 40%
CB001 SAMPLE IDENTIFIER
2/15/2005 SAMPLE DATE
CMP CORRUGATED METAL PIPE
J VALUE IS AN ESTIMATE

STORMWATER STRUCTURES INVESTIGATION
SOLIDS SAMPLE PCBs RESULTS

DRAWN	DATE	DWG. NO.	REV. NO.
DLD	JUNE 10, 2005	FIGURE - 2A	0
SCALE 1" = 50'	W.O. NO. 03709-034.600.0008 RFW NO. 05-0031	SHT. 1 OF 1	

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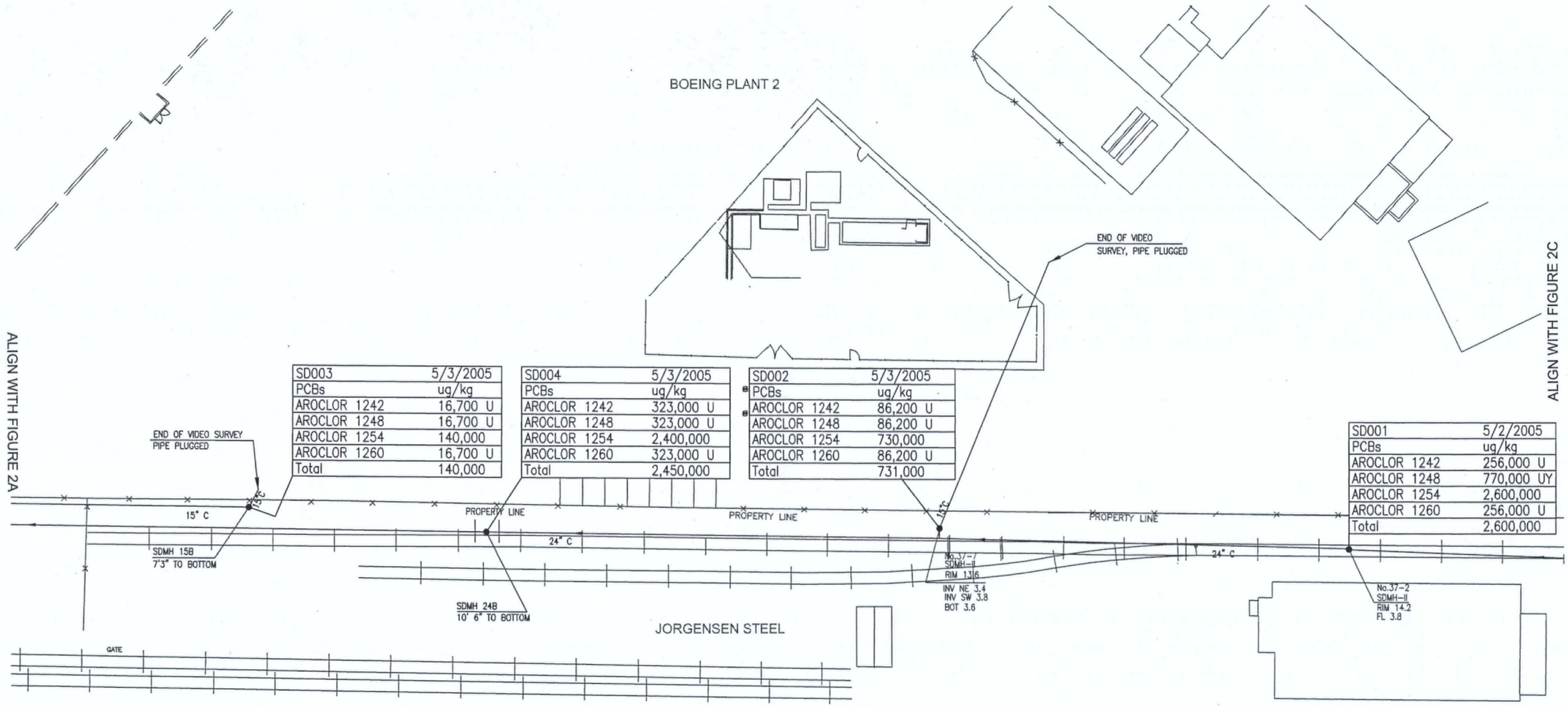

SD003	5/3/2005
PCBs	ug/kg
AROCLOR 1242	16,700 U
AROCLOR 1248	16,700 U
AROCLOR 1254	140,000
AROCLOR 1260	16,700 U
Total	140,000

SD004	5/3/2005
PCBs	ug/kg
AROCLOR 1242	323,000 U
AROCLOR 1248	323,000 U
AROCLOR 1254	2,400,000
AROCLOR 1260	323,000 U
Total	2,450,000

SD002	5/3/2005
PCBs	ug/kg
AROCLOR 1242	86,200 U
AROCLOR 1248	86,200 U
AROCLOR 1254	730,000
AROCLOR 1260	86,200 U
Total	731,000

SD001	5/2/2005
PCBs	ug/kg
AROCLOR 1242	256,000 U
AROCLOR 1248	770,000 UY
AROCLOR 1254	2,600,000
AROCLOR 1260	256,000 U
Total	2,600,000

NOTES:
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UPLAND SOURCE CONTROL
BOEING PLANT 2
SEATTLE, WASHINGTON

WESTON SOLUTIONS® SEATTLE WASHINGTON

CHECKED | DATE
DES. ENG.
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APPROVED
APPROVED

LEGEND
CHAIN LINK FENCE
C CONCRETE
PVC POLY VINYL CHLORIDE
CI CAST IRON
STORM WATER FLOW DIRECTION
U NOT DETECTED ABOVE GIVEN DETECTION LIMIT
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P POSITIVELY IDENTIFIED BUT WITH RPD > 40%
CB001 SAMPLE IDENTIFIER
2/15/2005 SAMPLE DATE
CMP CORRUGATED METAL PIPE
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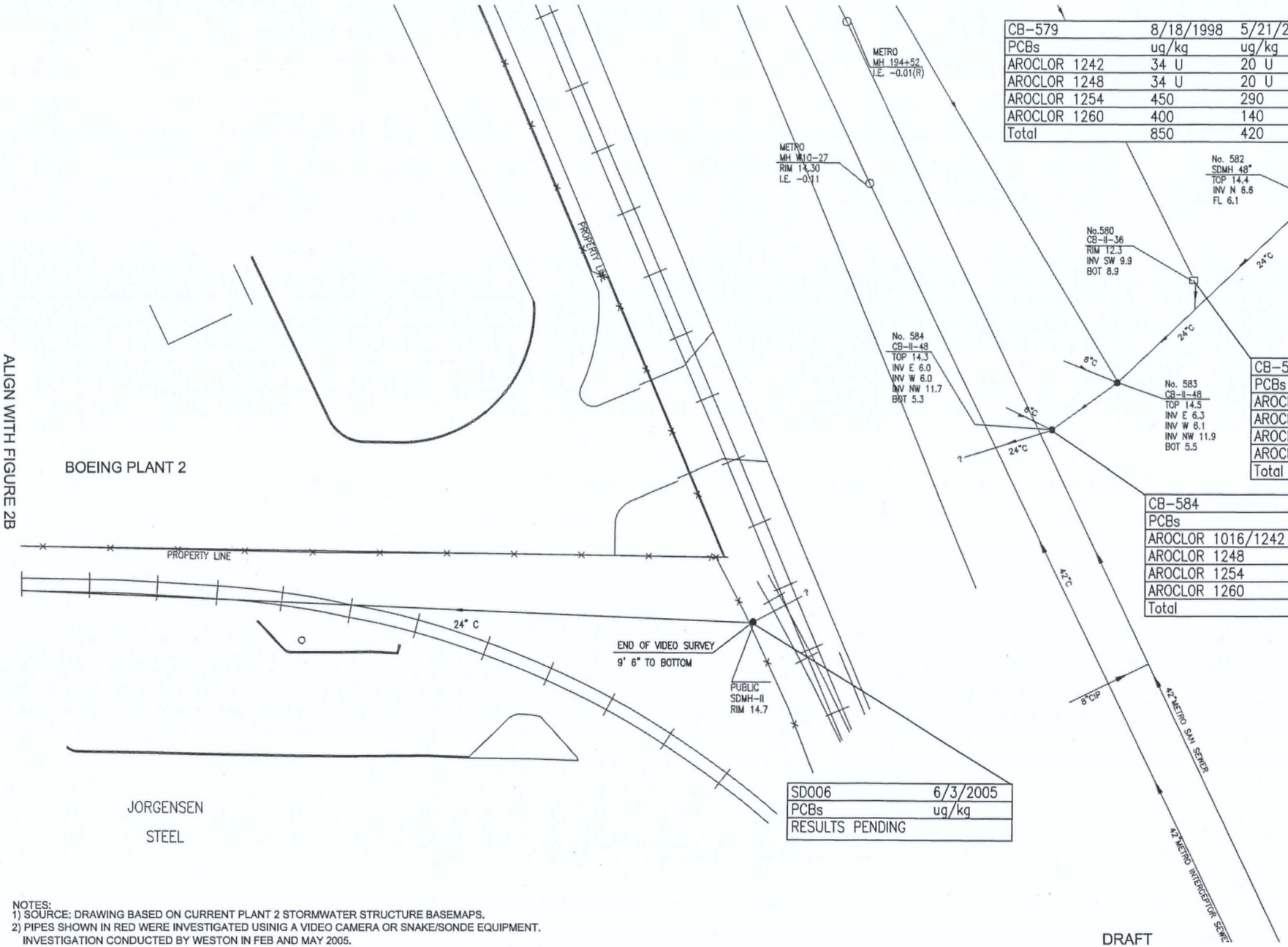
STORMWATER STRUCTURES INVESTIGATION
SOLIDS SAMPLE PCBs RESULTS

DRAWN	DATE	DWG. NO.	REV. NO.
DLD	JUNE 10, 2005	FIGURE - 2B	0
SCALE 1" = 50'	W.O. NO. 03709-034.600.0008 REF NO. 05-0031	SHT. 1 OF 1	

ALIGN WITH FIGURE 2D (220' OFFSET TO NORTH)

ALIGN WITH FIGURE 2B



CB-579	8/18/1998	5/21/2000
PCBs	ug/kg	ug/kg
AROCLOR 1242	34 U	20 U
AROCLOR 1248	34 U	20 U
AROCLOR 1254	450	290
AROCLOR 1260	400	140
Total	850	420

CB-580	8/18/1998	5/21/2000
PCBs	ug/kg	ug/kg
AROCLOR 1016/1242	43 U	20 U
AROCLOR 1248	43 U	20 U
AROCLOR 1254	290	760
AROCLOR 1260	310	210
Total	600	970

CB-584	9/26/1997	8/18/1998	5/21/2000
PCBs	ug/kg	ug/kg	ug/kg
AROCLOR 1016/1242	50 U	970 U	2,310 U
AROCLOR 1248	50 U	970 U	2,310 U
AROCLOR 1254	51,000	36,000	128,000
AROCLOR 1260	50 U	970 U	85,000
Total	51,000	36,000	213,000

SD006	6/3/2005
PCBs	ug/kg
RESULTS PENDING	

NOTES:
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DRAFT

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UPLAND SOURCE CONTROL
BOEING PLANT 2
SEATTLE, WASHINGTON

WESTON SOLUTIONS
SEATTLE WASHINGTON

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PROJ. ENG.
PROJ. MGR.
APPROVED
APPROVED
DATE

LEGEND
CHAIN LINK FENCE
C CONCRETE
PVC POLY VINYL CHLORIDE
CI CAST IRON
STORM WATER FLOW DIRECTION
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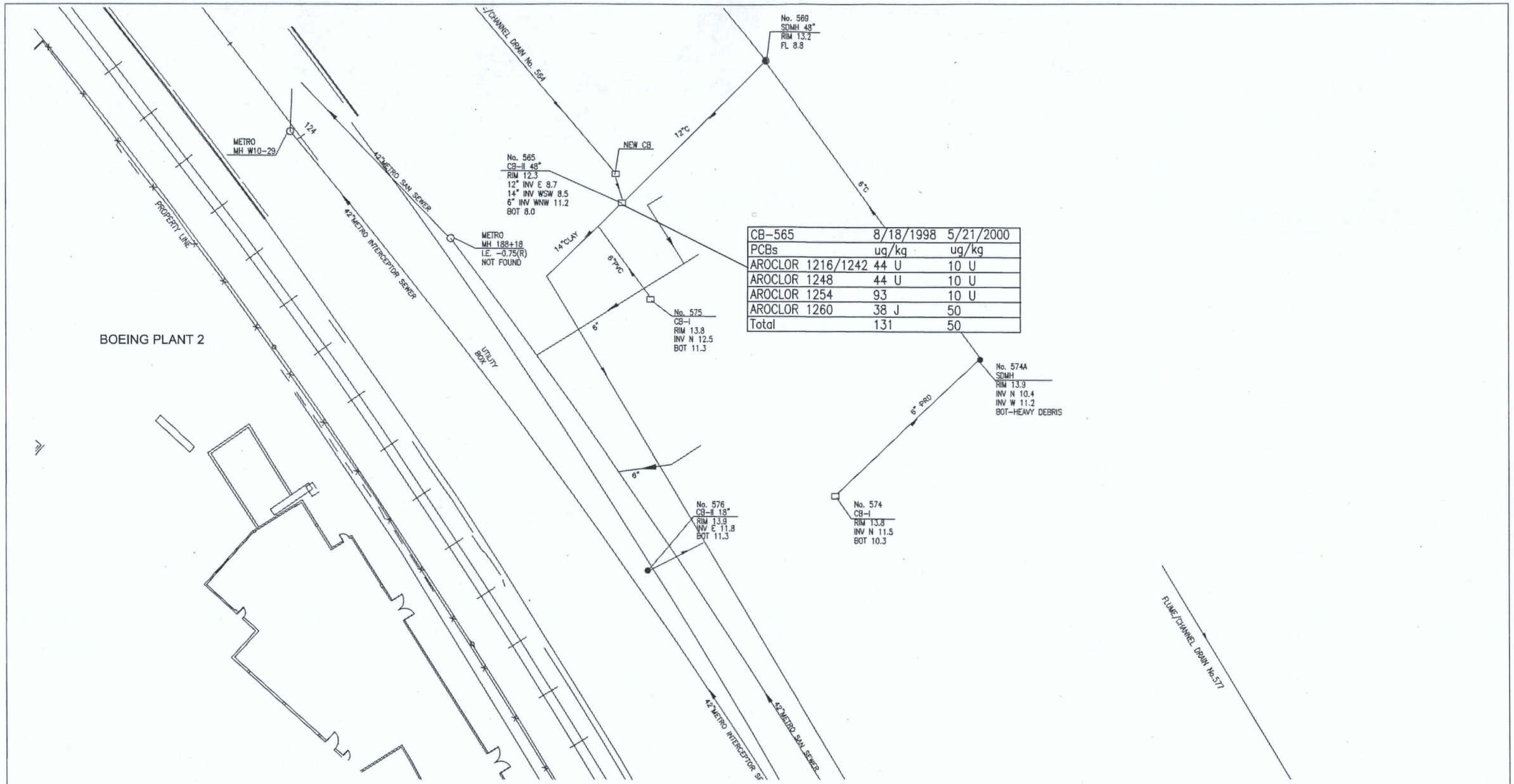
Y DETECTION LIMIT ELEVATED DUE TO INTERFERENCES
P POSITIVELY IDENTIFIED BUT WITH RPD > 40%
CB001 SAMPLE IDENTIFIER
2/15/2005 SAMPLE DATE
CMP CORRUGATED METAL PIPE
J VALUE IS AN ESTIMATE

STORMWATER STRUCTURES INVESTIGATION
SOLIDS SAMPLE PCBs RESULTS

DRAWN	DATE	DWG. NO.	REV. NO.
DLD	JUNE 10, 2005	FIGURE - 2C	0
SCALE 1" = 50'	W.O. NO. 03709-034.600.0008 RFW NO. 05-0031	SHT. 1 OF 1	



CB-565	8/18/1998	5/21/2000
PCBs	ug/kg	ug/kg
AROCLOR 1216/1242	44 U	10 U
AROCLOR 1248	44 U	10 U
AROCLOR 1254	93	10 U
AROCLOR 1260	38 J	50
Total	131	50

ALIGN WITH FIGURE 2C (DOES NOT MATCH, 220' OFFSET)

NOTES:
1) SOURCE: DRAWING BASED ON CURRENT PLANT 2 STORMWATER STRUCTURES BASEMAPS.

SCALE (FEET):

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BOEING PLANT 2
SEATTLE, WASHINGTON

WESTON SOLUTIONS

SEATTLE WASHINGTON

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PROJ. ENG.
PROJ. MGR.
APPROVED
APPROVED
DATE

LEGEND

XX	CHAIN LINK FENCE	CB001	SAMPLE IDENTIFIER
C	CONCRETE	2/15/2005	SAMPLE DATE
PVC	POLY VINYL CHLORIDE	CMP	CORRUGATED METAL PIPE
CI	CAST IRON	J	VALUE IS AN ESTIMATE
→	STORM WATER FLOW DIRECTION		
U	NOT DETECTED ABOVE GIVEN DETECTION LIMIT		
Y	DETECTION LIMIT ELEVATED DUE TO INTERFERENCES		
P	POSITIVELY IDENTIFIED BUT WITH RPD > 40%		

STORMWATER STRUCTURES INVESTIGATION
SOLIDS SAMPLE PCBs RESULTS

DRAWN	DATE	DWG. NO.	REV. NO.
DLD	JUNE 10, 2005	FIGURE - 2D	0
SCALE 1" = 50'	W.O. NO. 03709-034.600.0008 RFW NO. 05-0031	SHT. 1 OF 1	