TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

RECEIVED
OCT 2 2 2007

October 19, 2007

Katrina Greene
Kinder Morgan Bulk Terminals: T5-Portland
15550 N. Lombard Terminal 5
Portland, OR 97203

RE: Stormwater

Enclosed are the results of analyses for samples received by the laboratory on 10/03/07 11:15. The following list is a summary of the Work Orders contained in this report, generated on 10/19/07 16:55.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQJ0149	Stormwater	NA

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Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Outfall 001	PQJ0149-01	Water	10/03/07 09:30	10/03/07 11:15

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

Oil and Grease Analysis per EPA Method 1664

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQJ0149-01 (Outfall 001)		**Water**			**Sampled: 10/03/07 09:30**					
Oil & Grease	EPA 1664	ND	-----	4.76	mg/l	1x	7100506	10/10/07 16:30	10/10/07 19:27	

TestAmerica - Portland, OR

Brian L Cone

Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

Conventional Chemistry Parameters per Standard Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQJ0149-01 (Outfall 001)		**Water**			**Sampled: 10/03/07 09:30**					
Total Suspended Solids	SM 2540D	**29.0**	-----	10.0	mg/l	1x	7100391	10/08/07 14:26	10/08/07 18:10	

TestAmerica - Portland, OR

Brian Cone, Industrial Services Manager

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15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

Field Testing of Conventional Chemistry Parameters per APHA/EPA Methods

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQJ0149-01 (Outfall 001)		**Water**			**Sampled: 10/03/07 09:30**					
pH	EPA 150.1	**6.43**	-----		pH Units	1x	7100309	10/03/07 09:35	10/03/07 09:40	

TestAmerica - Portland, OR

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15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

ICPMS Metals by 200.8 CWA

TestAmerica Tacoma

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQJ0149-01 (Outfall 001)		**Water**			**Sampled: 10/03/07 09:30**					
Lead	200.8	**0.00076**	-----	0.00040	mg/L	1x	24507	10/16/07 10:21	10/17/07 16:00	
Copper	"	**0.0026**	-----	0.00040	"	"	"	"	"	
Zinc	"	**0.15**	-----	0.0014	"	"	"	"	"	

TestAmerica - Portland, OR

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

Oil and Grease Analysis per EPA Method 1664 - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7100506 **Water Preparation Method: O&G prep CE**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7100506-BLK1)								**Extracted: 10/10/07 15:15**						
Oil & Grease	EPA 1664	ND	---	5.00	mg/l	1x	--	--	--	--	--	--	10/10/07 19:27	
LCS (7100506-BS1)								**Extracted: 10/10/07 15:15**						
Oil & Grease	EPA 1664	37.9	---		mg/l	1x	--	40.1	94.5%	(78-114)	--	--	10/10/07 19:27	

TestAmerica - Portland, OR

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Kinder Morgan Bulk Terminals: T5-Portland	*Project Name:*	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

Conventional Chemistry Parameters per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7100391 **Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7100391-BLK1)								Extracted: 10/08/07 14:26						
Total Suspended Solids	SM 2540D	ND	---	10.0	mg/l	1x	--	--	--	--	--	--	10/08/07 18:10	
LCS (7100391-BS1)								Extracted: 10/08/07 14:26						
Total Suspended Solids	SM 2540D	52.0	---	10.0	mg/l	1x	--	50.0	104%	(80-120)	--	--	10/08/07 18:10	
Duplicate (7100391-DUP1)				QC Source: PQJ0189-03				Extracted: 10/08/07 14:26						
Total Suspended Solids	SM 2540D	ND	---	10.0	mg/l	1x	ND	--	--	--	0.00%	(20)	10/08/07 18:10	

TestAmerica - Portland, OR

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

ICPMS Metals by 200.8 CWA - Laboratory Quality Control Results

TestAmerica Tacoma

QC Batch: 24507 **Water Preparation Method: 200.8**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (580-24551-1)				QC Source:					Extracted: 10/16/07 10:21					
Lead	200.8	ND	---	0.0020	mg/L	5x	--	--	--	--	--	--	10/16/07 14:39	
Copper	"	ND	---	0.0020	"	"	--	--	--	--	--	--	"	
Zinc	"	ND	---	0.0070	"	"	--	--	--	--	--	--	"	
Duplicate (580-24551-3)				QC Source: 580-24551-2					Extracted: 10/16/07 10:21					
Lead	200.8	ND	---	0.0020	mg/L	5x	ND	--	--	--	6%	(20)	10/16/07 14:57	
Copper	"	ND	---	0.0020	"	"	ND	--	--	--	NC%	"	"	
Zinc	"	ND	---	0.0070	"	"	ND	--	--	--	2%	"	"	
Matrix Spike (580-24551-4)				QC Source: 580-24551-2					Extracted: 10/16/07 10:21					
Lead	200.8	0.959	---	0.020	mg/L	50x	ND	1.00	96%	(75-125)	--	--	10/16/07 15:03	
Copper	"	0.526	---	0.020	"	"	ND	0.500	105%	"	--	--	"	
Zinc	"	1.03	---	0.070	"	"	ND	1.00	103%	"	--	--	"	
Matrix Spike Dup (580-24551-5)				QC Source: 580-24551-2					Extracted: 10/16/07 10:21					
Lead	200.8	0.998	---	0.020	mg/L	50x	ND	1.00	100%	(75-125)	4%	(20)	10/16/07 15:09	
Copper	"	0.542	---	0.020	"	"	ND	0.500	108%	"	3%	"	"	
Zinc	"	1.06	---	0.070	"	"	ND	1.00	106%	"	3%	"	"	
LCS (580-24551-6)				QC Source:					Extracted: 10/16/07 10:21					
Lead	200.8	0.897	---	0.020	mg/L	50x	--	1.00	90%	(80-120)	--	--	10/16/07 15:22	
Copper	"	0.501	---	0.020	"	"	--	0.500	100%	"	--	--	"	
Zinc	"	0.975	---	0.070	"	"	--	1.00	97%	"	--	--	"	
LCS Dup (580-24551-7)				QC Source:					Extracted: 10/16/07 10:21					
Lead	200.8	0.896	---	0.020	mg/L	50x	--	1.00	90%	(80-120)	0%	(20)	10/16/07 15:28	
Copper	"	0.498	---	0.020	"	"	--	0.500	100%	"	1%	"	"	
Zinc	"	0.967	---	0.070	"	"	--	1.00	97%	"	1%	"	"	
Blank (580-24622-1)				QC Source:					Extracted: 10/16/07 10:21					
Lead	200.8	ND	---	0.00040	mg/L	1x	--	--	--	--	--	--	10/17/07 15:55	
Copper	"	ND	---	0.00040	"	"	--	--	--	--	--	--	"	
Zinc	"	ND	---	0.0014	"	"	--	--	--	--	--	--	"	
LCS (580-24622-3)				QC Source:					Extracted: 10/16/07 10:21					
Lead	200.8	0.897	---	0.020	mg/L	50x	--	1.00	90%	(80-120)	--	--	10/17/07 16:06	
Copper	"	0.502	---	0.020	"	"	--	0.500	100%	"	--	--	"	
Zinc	"	0.993	---	0.070	"	"	--	1.00	99%	"	--	--	"	

TestAmerica - Portland, OR

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Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

ICPMS Metals by 200.8 CWA - Laboratory Quality Control Results

TestAmerica Tacoma

QC Batch: 24507 **Water Preparation Method: 200.8**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS Dup (580-24622-4)				**QC Source:**				**Extracted: 10/16/07 10:21**						
Lead	200.8	0.895	---	0.020	mg/L	50x	--	1.00	89%	(80-120)	0%	(20)	10/17/07 16:12	
Copper	"	0.505	---	0.020	"	"	--	0.500	101%	"	1%	"	"	
Zinc	"	0.969	---	0.070	"	"	--	1.00	97%	"	2%	"	"	

TestAmerica - Portland, OR

Brian L Cone

Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	10/19/07 16:55

Notes and Definitions

Report Specific Notes:

None

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Brian Cone, Industrial Services Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY RECORD

[X] Portland, OR

Work Order # PQ30149

TURN AROUND REQUEST: 10 DAY

Client Name/Account #: Kinder-Morgan T-5
Address: 15550 N Lombard
City/State/Zip: Portland, OR 97203
Project Manager: Katrina Greene
Telephone Number: 503-285-4200 X 15 Fax No.: 503-285-7733
Sampler Name: (Print) Lawrence Spangler
Sampler Signature:

Report To: Katrina Greene
Invoice To:
TA Quote #:
Project ID: Stormwater
Project #:

Tag ID: 006

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers	Grab	Preservative: 250mL Poly Unpreserved	Preservative: 250mL Poly w/Nitric Acid	Preservative: 1L Glass w/Hydrochloric Acid	Matrix: Stormwater	Analyze For: TSS	Analyze For: Zn, Cu, Pb	Analyze For: O&G	Analyze For: FT-PH: 6.43	Analyze For: Sampling-Grab
Outfall 001	3-Oct	930	4	X	X	X	X	X	X	X	X	X	X

Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 3.5c

Received by TestAmerica:	Date	Time
Larry Spangler	10/3/2007	930
IN LAB	10/3/2007	1115

SW

TestAmerica Sample Receipt Checklist

Received by: *(section A)*
Date: 10-03-2007
Time: 1115
Initials: SAS

Unpacked by: *(section B)*
Date: 10/3/07
Initials: [illegible]

Logged-in by:
Date: 10-3
Initials: [illegible]

Work Order No. PQ0149
Client: Kinder Morgan
Project: SX

Cooler ID(s): 006

***ESI Clients *(see Section C)*

Temperature out of range
___No Ice
___Ice Melted
___W/in 4 Hours
___Other:

Cooler Temperature (IR): 3.5 °C (plastic) glass NA *(oil/air samples, ESI client)*

A

Custody Seals: (#___)

Signature: Y N Dated:_____

X None

Container Type:
X #Cooler(s)
___#Box(s)
___None (___#Other:_____)

Coolant Type:
___Gel Ice
X Loose Ice
___None

Packing Material:
___Bubble Bags
___Styrofoam Cubbies
X None (___Other:_____)

Received from:
X TA Courier
___Senvoy
___UPS
___Fed Ex
___Client
___TDP
___DHL
___SDS
___Mid-Valley
___GS/TA
___GS/Senvoy
___Other:_____

B

Sample Status:
(If N circled, see NOD)

General:
Intact? Y N
Containers Match COC? Y N none given
IDs Match COC? Y N

For Analyses Requested:
Correct Type & Preservation? Y N
Adequate Volume? Y N
Within Hold Time? Y N

Volatiles:
VOAs Free of Headspace? Y N NA
TB on COC? not provided Y N NA

Metals:
HNO3 Preserved? Y N NA

C

***ESI Clients Only:

Temperature Blank: _____°C not provided

All preserved bottles checked Y N NA *(voas/soils/all unp.)*
All preserved accordingly? Y N *(see NOD)* NA *(voas/soils/all unp.)*

Was the Tracking paper keepable? YES NO

If circled NO, what is the Tracking Number? _____

UPS FED EX DHL OTHER: _____

Project Managers:

Comments:_____

*PM Reviewed:*_____ *(Initial/Date)*

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January 18, 2008

Katrina Greene
Kinder Morgan Bulk Terminals: T5-Portland
15550 N. Lombard Terminal 5
Portland, OR 97203

RE: Stormwater

Enclosed are the results of analyses for samples received by the laboratory on 01/08/08 15:30. The following list is a summary of the Work Orders contained in this report, generated on 01/18/08 16:47.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PRA0184	Stormwater	NA

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	01/18/08 16:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Outfall 001	PRA0184-01	Water	01/08/08 13:35	01/08/08 15:30

TestAmerica Portland

Brian L Cone

Brian Cone, Industrial Services Manager

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15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	01/18/08 16:47

Oil and Grease Analysis per EPA Method 1664

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PRA0184-01 (Outfall 001)		**Water**			**Sampled: 01/08/08 13:35**					
Oil & Grease	EPA 1664	ND	----	2.40	mg/l	1x	8010559	01/17/08 10:00	01/18/08 07:52	

TestAmerica Portland

Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	01/18/08 16:47

Total Metals per EPA 200 Series Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PRA0184-01 (Outfall 001)		**Water**			**Sampled: 01/08/08 13:35**					
Copper	EPA 200.8	**0.00253**	-----	0.00200	mg/l	1x	8010297	01/10/08 07:39	01/10/08 15:31	
Lead	"	ND	-----	0.00100	"	"	"	"	"	
Zinc	"	**0.0306**	-----	0.00500	"	"	"	"	"	

TestAmerica Portland

Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	01/18/08 16:47

Conventional Chemistry Parameters per Standard Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PRA0184-01 (Outfall 001)		**Water**			**Sampled: 01/08/08 13:35**					
Total Suspended Solids	SM 2540D	**10.0**	-----	10.0	mg/l	1x	8010268	01/09/08 11:26	01/09/08 17:22	

TestAmerica Portland

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	01/18/08 16:47

Field Testing of Conventional Chemistry Parameters per APHA/EPA Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PRA0184-01 (Outfall 001)		**Water**			**Sampled: 01/08/08 13:35**					
pH	EPA 150.1	**7.38**	-----		pH Units	1x	8010326	01/08/08 13:40	01/08/08 13:45	

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	01/18/08 16:47

Oil and Grease Analysis per EPA Method 1664 - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 8010559 **Water Preparation Method: O&G prep CE**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8010559-BLK1)								**Extracted: 01/17/08 09:00**						
Oil & Grease	EPA 1664	ND	---	5.00	mg/l	1x	--	--	--	--	--	--	01/18/08 07:52	
LCS (8010559-BS1)								**Extracted: 01/17/08 09:00**						
Oil & Grease	EPA 1664	36.1	---		mg/l	1x	--	40.0	90.2%	(78-114)	--	--	01/18/08 07:52	
Matrix Spike (8010559-MS1)				**QC Source: PRA0180-01**				**Extracted: 01/17/08 09:00**						
Oil & Grease	EPA 1664	34.4	---		mg/l	1x	0.00158	40.0	86.0%	(78-114)	--	--	01/18/08 07:52	
Matrix Spike (8010559-MS3)				**QC Source: PRA0180-01**				**Extracted: 01/17/08 09:00**						
Oil & Grease	EPA 1664	35.0	---		mg/l	1x	0.00158	40.0	87.5%	(78-114)	--	--	01/18/08 07:52	

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	01/18/08 16:47

Total Metals per EPA 200 Series Methods - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 8010297 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8010297-BLK1)								Extracted: 01/10/08 07:39						
Copper	EPA 200.8	ND	---	0.00200	mg/l	1x	--	--	--	--	--	--	01/10/08 14:40	
Lead	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"	
Zinc	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
LCS (8010297-BS1)								Extracted: 01/10/08 07:39						
Copper	EPA 200.8	0.0938	---	0.00200	mg/l	1x	--	0.100	93.8%	(85-115)	--	--	01/10/08 14:47	
Lead	"	0.0971	---	0.00100	"	"	--	"	97.1%	"	--	--	"	
Zinc	"	0.0886	---	0.00500	"	"	--	"	88.6%	"	--	--	"	
Duplicate (8010297-DUP1)				QC Source: PRA0181-01				Extracted: 01/10/08 07:39						
Copper	EPA 200.8	0.00200	---	0.00200	mg/l	1x	0.00210	--	--	--	4.88%	(20)	01/10/08 15:02	
Lead	"	0.00118	---	0.00100	"	"	0.00121	--	--	--	2.51%	"	"	
Zinc	"	0.201	---	0.00500	"	"	0.202	--	--	--	0.547%	"	"	
Matrix Spike (8010297-MS1)				QC Source: PRA0183-01				Extracted: 01/10/08 07:39						
Copper	EPA 200.8	0.0905	---	0.00200	mg/l	1x	0.00366	0.100	86.8%	(75-125)	--	--	01/10/08 15:23	
Lead	"	0.0907	---	0.00100	"	"	0.00455	"	86.2%	"	--	--	"	
Zinc	"	0.207	---	0.00500	"	"	0.122	"	84.6%	(70-130)	--	--	"	
Matrix Spike (8010297-MS2)				QC Source: PRA0184-01				Extracted: 01/10/08 07:39						
Copper	EPA 200.8	0.0919	---	0.00200	mg/l	1x	0.00253	0.100	89.4%	(75-125)	--	--	01/10/08 15:38	
Lead	"	0.0922	---	0.00100	"	"	0.000510	"	91.7%	"	--	--	"	
Zinc	"	0.118	---	0.00500	"	"	0.0306	"	87.9%	(70-130)	--	--	"	

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Brian L Cone

Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	01/18/08 16:47

Conventional Chemistry Parameters per Standard Methods - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 8010268 **Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8010268-BLK1)								**Extracted: 01/09/08 11:26**						
Total Suspended Solids	SM 2540D	ND	---	10.0	mg/l	1x	--	--	--	--	--	--	01/09/08 17:22	
LCS (8010268-BS1)								**Extracted: 01/09/08 11:26**						
Total Suspended Solids	SM 2540D	60.0	---	10.0	mg/l	1x	--	50.0	120%	(80-120)	--	--	01/09/08 17:22	
Duplicate (8010268-DUP1)				**QC Source: PRA0180-01**				**Extracted: 01/09/08 11:26**						
Total Suspended Solids	SM 2540D	20.0	---	10.0	mg/l	1x	20.0	--	--	--	0.00%	(20)	01/09/08 17:22	

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	01/18/08 16:47

Notes and Definitions

Report Specific Notes:

None

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Brian Cone, Industrial Services Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY RECORD

[X] Portland, OR

Work Order #: PRA0184

TURN AROUND REQUEST: 10 DAY

Client Name/Account #: Kinder-Morgan T-5
Address: 15550 N Lombard
City/State/Zip: Portland, OR 97203
Project Manager: Katrina Greene
Telephone Number: 503-285-4200 X 15 Fax No.: 503-285-7733
Sampler Name: (Print) Lawrence Spangler
Sampler Signature:

Report To: Katrina Greene
Invoice To:
TA Quote #:
Project ID: Stormwater
Project #:

Tag ID: 070

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers	Grab			Preservative: 250mL Poly Unpreserved	250mL Poly w/Nitric Acid	1L Glass w/Hydrochloric Acid					Matrix: Stormwater						Analyze For: TSS	Zn, Cu, Pb	O&G	FT-PH: 7.38	Sampling-Grab									
Outfall 001	8-Jan	1335	4	X			X	X	X					X						X	X	X	X	X									

Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 4.3c

Received by TestAmerica:	Date	Time
Larry Spangler	1/8/2008	1335
IN LAB	1/8/2008	1530

TestAmerica Sample Receipt Checklist

070

Received by: *(section A)
Date: 01-08-08
Time: 1530
Initials: GAS

Unpacked by: *(section B)
Date: 1/3/08
Initials: JT

Logged-in by:
Date: 1/08/08
Initials: JT

Work Order No. PRA0184
Client: Kinder Morgan - TS
Project: Stormwater

Temperature out of range:
___Not enough Ice
___No Ice
___Ice Melted
___W/in 4 Hours
___Other ___

***ESI Clients *(see Section C)*

Cooler Temperature (IR): 4.3 °C plastic glass NA *(oil/air samples, ESI client)* Temperature Blank: ___ °C

A

Custody Seals: (#___)

Signature: Y N Dated: ___
✓ None

Container Type:
X #Cooler(s)
___#Box(s)
___None (___#Other: ___)

Coolant Type:
___Gel Ice
Y Loose Ice
___None

Packing Material:
___Bubble Bags
___Styrofoam Cubbies
Y None (___Other: ___)

Received from:
X TA Courier
___Senvoy
___UPS
___Fed Ex
___Client
___TDP
___DHL
___SDS
___Mid-Valley
___GS/TA
___GS/Senvoy
___Other
___

B

Sample Status:
(If N circled, see NOD)

General:			
Intact?	Y	N	
# Containers Match COC?	Y	N	none given
IDs Match COC?	Y	N	
For Analyses Requested:			
Correct Type & Preservation?	Y	N	
Adequate Volume?	Y	N	
Within Hold Time?	Y	N	
Volatiles/ Oil Quality:			
VOAs/ Syringes free of Headspace?	Y	N	NA
TB on COC? not provided	Y	N	NA
Metals:			
HNO3 Preserved?	Y	N	NA
Dissolved Metals Filtered?	Y	N	NA

C

***ESI Clients Only:

Temperature Blank. ___ °C not provided

All preserved bottles checked Y N NA *(voas/soils/all unp.)*
All preserved accordingly? Y N *(see NOD)* NA *(voas/soils/all unp.)*

FED EX/ UPS: Was the tracking paper keepable? YES NO

If circled NO, what is the Tracking number? ___

FED EX Goldstreak UPS DHL Other: ___

Project Managers:

Comments: ___

PM Reviewed

KMB00010392

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PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
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February 22, 2008

Katrina Greene
Kinder Morgan Bulk Terminals: T5-Portland
15550 N. Lombard Terminal 5
Portland, OR 97203

RE: Stormwater

Enclosed are the results of analyses for samples received by the laboratory on 02/08/08 15:30. The following list is a summary of the Work Orders contained in this report, generated on 02/22/08 17:34.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PRB0257	Stormwater	NA

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Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	02/22/08 17:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Outfall 001	PRB0257-01	Water	02/08/08 09:50	02/08/08 15:30

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	02/22/08 17:34

Oil and Grease Analysis per EPA Method 1664

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PRB0257-01 (Outfall 001)		**Water**			**Sampled: 02/08/08 09:50**					
Oil & Grease	EPA 1664	ND	-----	2.36	mg/l	1x	8020600	02/20/08 11:50	02/21/08 07:46	

TestAmerica Portland

Brian L Cone

Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	02/22/08 17:34

Total Metals per EPA 200 Series Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PRB0257-01 (Outfall 001)		**Water**			**Sampled: 02/08/08 09:50**					
Copper	EPA 200.8	**0.00366**	-----	0.00200	mg/l	1x	8020324	02/11/08 14:44	02/13/08 16:38	
Lead	"	**0.00115**	-----	0.00100	"	"	"	"	"	
Zinc	"	**0.0206**	-----	0.00500	"	"	"	"	"	

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Brian L Cone

Brian Cone, Industrial Services Manager

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	02/22/08 17:34

Conventional Chemistry Parameters per Standard Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PRB0257-01 (Outfall 001)		**Water**			**Sampled: 02/08/08 09:50**					
Total Suspended Solids	SM 2540D	**10.0**	-----	10.0	mg/l	1x	8020448	02/14/08 10:57	02/14/08 14:11	

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	02/22/08 17:34

Field Testing of Conventional Chemistry Parameters per APHA/EPA Methods

TestAmerica Portland

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PRB0257-01 (Outfall 001)		**Water**			**Sampled: 02/08/08 09:50**					
pH	EPA 150.1	**7.61**	-----		pH Units	1x	8020321	02/08/08 09:55	02/08/08 10:00	

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	02/22/08 17:34

Oil and Grease Analysis per EPA Method 1664 - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 8020600 **Water Preparation Method: O&G prep CE**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8020600-BLK1)								**Extracted: 02/20/08 09:30**						
Oil & Grease	EPA 1664	ND	---	5.00	mg/l	1x	--	--	--	--	--	--	02/21/08 07:46	
LCS (8020600-BS1)								**Extracted: 02/20/08 09:30**						
Oil & Grease	EPA 1664	38.5	---		mg/l	1x	--	40.0	96.2%	(78-114)	--	--	02/21/08 07:46	
LCS (8020600-BS3)								**Extracted: 02/20/08 09:30**						
Oil & Grease	EPA 1664	38.4	---		mg/l	1x	--	40.0	96.0%	(78-114)	--	--	02/21/08 07:46	

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Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	02/22/08 17:34

Total Metals per EPA 200 Series Methods - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 8020324 **Water Preparation Method: EPA 200/3005**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8020324-BLK1)								Extracted: 02/11/08 14:44						
Copper	EPA 200.8	ND	---	0.00200	mg/l	1x	--	--	--	--	--	--	02/13/08 15:05	
Lead	"	ND	---	0.00100	"	"	--	--	--	--	--	--	"	
Zinc	"	ND	---	0.00500	"	"	--	--	--	--	--	--	"	
LCS (8020324-BS1)								Extracted: 02/11/08 14:44						
Copper	EPA 200.8	0.103	---	0.00200	mg/l	1x	--	0.100	103%	(85-115)	--	--	02/13/08 15:10	
Lead	"	0.101	---	0.00100	"	"	--	"	101%	"	--	--	"	
Zinc	"	0.0970	---	0.00500	"	"	--	"	97.0%	"	--	--	"	
Duplicate (8020324-DUP1)				QC Source: PRB0253-01				Extracted: 02/11/08 14:44						
Copper	EPA 200.8	0.876	---	0.00200	mg/l	1x	0.910	--	--	--	3.85%	(20)	02/13/08 15:35	
Lead	"	0.00991	---	0.00100	"	"	0.0102	--	--	--	3.07%	"	"	
Zinc	"	5.12	---	0.0500	"	10x	5.07	--	--	--	0.982%	"	02/13/08 17:41	
Matrix Spike (8020324-MS1)				QC Source: PRB0253-02				Extracted: 02/11/08 14:44						
Copper	EPA 200.8	0.223	---	0.00200	mg/l	1x	0.123	0.100	99.8%	(75-125)	--	--	02/13/08 15:44	
Lead	"	0.0994	---	0.00100	"	"	0.00312	"	96.3%	"	--	--	"	
Zinc	"	5.30	---	0.0500	"	10x	5.21	"	95.0%	(70-130)	--	--	02/13/08 17:51	
Matrix Spike (8020324-MS2)				QC Source: PRB0253-03				Extracted: 02/11/08 14:44						
Copper	EPA 200.8	0.221	---	0.00200	mg/l	1x	0.131	0.100	90.4%	(75-125)	--	--	02/13/08 16:04	
Lead	"	0.0954	---	0.00100	"	"	0.00334	"	92.0%	"	--	--	"	
Zinc	"	5.11	---	0.0500	"	10x	5.07	"	32.0%	(70-130)	--	--	02/13/08 18:01	MHA

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Brian Cone, Industrial Services Manager

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	02/22/08 17:34

Conventional Chemistry Parameters per Standard Methods - Laboratory Quality Control Results

TestAmerica Portland

QC Batch: 8020448 **Water Preparation Method: General Preparation**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8020448-BLK1)								**Extracted: 02/14/08 10:57**						
Total Suspended Solids	SM 2540D	ND	---	10.0	mg/l	1x	--	--	--	--	--	--	02/14/08 14:11	
LCS (8020448-BS1)								**Extracted: 02/14/08 10:57**						
Total Suspended Solids	SM 2540D	40.0	---	10.0	mg/l	1x	--	50.0	80.0%	(80-120)	--	--	02/14/08 14:11	
Duplicate (8020448-DUP1)				**QC Source: PRB0290-01**				**Extracted: 02/14/08 10:57**						
Total Suspended Solids	SM 2540D	60.0	---	10.0	mg/l	1x	60.0	--	--	--	0.00%	(20)	02/14/08 14:11	

TestAmerica Portland

Brian Cone, Industrial Services Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

PORTLAND, OR 9405 S.W. NIMBUS AVENUE
BEAVERTON, OR 97008-7132
ph: (503) 906.9200 fax: (503) 906.9210

Kinder Morgan Bulk Terminals: T5-Portland	Project Name:	**Stormwater**	
15550 N. Lombard Terminal 5	Project Number:	NA	Report Created:
Portland, OR 97203	Project Manager:	Katrina Greene	02/22/08 17:34

Notes and Definitions

Report Specific Notes:

MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR/NA - Not Reported / Not Available

dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.

wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.

RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting Limits - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

Electronic Signature - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy.* Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Brian L Cone

Brian Cone, Industrial Services Manager

TestAmerica
ANALYTICAL TESTING CORPORATION

CHAIN OF CUSTODY RECORD

[X] Portland, OR

Work Order # PB60257

TURN AROUND REQUEST: 10 DAY

Client Name/Account #: Kinder-Morgan T-5
Address: 15550 N Lombard
City/State/Zip: Portland, OR 97203
Project Manager: Katrina Greene
Telephone Number: 503-285-4200 X 15 Fax No.: 503-285-7733
Sampler Name: (Print) Lawrence Spangler
Sampler Signature:

Report To: Katrina Greene
Invoice To:
TA Quote #:
Project ID: Stormwater
Project #:

Tag ID: 070

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers	Grab			Preservative: 250mL Poly Unpreserved	250mL Poly w/Nitric Acid	1L Glass w/Hydrochloric Acid					Matrix: Stormwater						Analyze For: TSS	Zn, Cu, Pb	O&G	FT-PH: 7.61	Sampling-Grab									
Outfall 001	8-Feb	950	4	X				X	X	X					X						X	X	X	X	X								

Special Instructions:

Laboratory Comments:
Temperature Upon Receipt: 4.5c

Received by TestAmerica:	Date	Time
Larry Spangler	2/8/2008	950
IN LAB	2/8/2008	1530

TestAmerica Sample Receipt Checklist

Cooler ID(s) 070

Received by: (section A)
Date: 02-08-08
Time: 1530
Initials: GAS

Unpacked by: (section B)
Date: 2/8/08
Initials: JT

Logged-in by:
Date: 2/8/08
Initials: RA

Work Order No. PRB0257
Client: Kindermorgan IS
Project: SCUT

Temperature out of range:
___ Not enough Ice
___ No Ice
___ Ice Melted
___ W/in 4 Hours
___ Other: _____

***ESI Clients (see Section C)

Cooler Temperature (IR): 4.5 °C plastic glass NA (oil/air samples, ESI client)

Temperature Blank: ✓ °C

A

Custody Seals: (#____)

Signature: Y N Dated: _____
X None

Container Type:
X #Cooler(s)
___ #Box(s)
___ None (___ #Other: _____)

Coolant Type:
___ Gel Ice
X Loose Ice
___ None

Packing Material:
___ Bubble Bags
___ Styrofoam Cubbies
X None (___ Other: _____)

Received from:
X TA Courier
___ Senvoy
___ UPS
___ Fed Ex
___ Client
___ TDP
___ DHL
___ SDS
___ Mid-Valley
___ GS/TA
___ GS/Senvoy
___ Other: _____

B

Sample Status:
(If N circled, see NOD)

General:			
Intact?	Y	N	
# Containers Match COC?	Y	N	none given
IDs Match COC?	Y	N	
For Analyses Requested:			
Correct Type & Preservation?	Y	N	
Adequate Volume?	Y	N	
Within Hold Time?	Y	N	
Volatiles/ Oil Quality:			
VOAs/ Syringes free of Headspace?	Y	N	NA
TB on COC? not provided	Y	N	NA
Metals:			
HNO3 Preserved?	Y	N	NA
Dissolved Metals Filtered?	Y	N	NA

C

***ESI Clients Only:

Temperature Blank _____ °C not provided

All preserved bottles checked Y N NA (voas/soils/all unp.)
All preserved accordingly? Y N (see NOD) NA (voas/soils/all unp.)

FED EX/ UPS: Was the tracking paper keepable? YES NO

If circled NO, what is the Tracking number? _____

FED EX Goldstreak UPS DHL Other: _____

Project Managers:

Comments: _____

PM Reviewed (Initial/Date)

KMB00010404

KINDER MORGAN TERMINALS

Kinder Morgan Terminals

July 11, 2008

Mr. Timothy P. Dean
City of Portland - Environmental Services
Water Pollution Control Laboratory
Industrial Stormwater Program
6543 N. Burlington Avenue
Portland, OR 97203-5452

Re: Annual Stormwater Report for 2008

Ref: Permit #101377

Dear Mr. Dean:

Enclosed is the revised annual Stormwater Report for Kinder Morgan Terminals operations at our Portland Bulk Terminal 5 Facility for the year ending June 30, 2008.

Please note that there are daily visual monitoring documents available on site.

If there are questions, please do not hesitate to call me at the number listed below.

Sincerely yours,

KINDER MORGAN BULK TERMINALS, INC.

Jack Waller
Terminal Manager

CC: Regional EHS Manager
File

15550 N. Lombard Street Portland, OR 97203 503-285-4200 503-285-7733 Fax

KINDER MORGAN TERMINALS

Kinder Morgan Terminals

July 11, 2008

Mr. Dennis Jurries, PE
DEQ NWR Storm Water Engineer
2020 SW Fourth Avenue, Suite 400
Portland, OR 97201-4987

Re: Annual Stormwater Report for 2008

Ref: Permit #101377

Dear Mr. Jurries:

Enclosed is the annual revised Stormwater Report for Kinder Morgan Terminals operations at our Portland Bulk Terminal 5 Facility for the year ending June 30, 2008.

If there are questions, please do not hesitate to call me at the number listed below.

Sincerely yours,

KINDER MORGAN BULK TERMINALS, INC.

Jack Waller
Terminal Manager

Cc: Regional EHS Manager
File

15550 N. Lombard Street Portland, OR 97203 503-285-4200 503-285-7733 Fax

Industrial Stormwater Discharge Monitoring Report - 1200-Z Permit

Permittee Legal Name:	Kinder Morgan	*ODEQ File No./Facility ID:*	70613
Facility Common Name:	Portland Bulk Terminals	Reporting Period:	July 1, 2007 to June 30, 2008
Facility Location:	15550 North Lombard, Portland, OR 97203	Laboratory Name:	TestAmerica
County:	Moultnomah	Laboratory ORELAP #:	OR100021

DEQ
State of Oregon Department of Environmental Quality

Monitor for the following pollutants at sampling point(s) specified in your SWPCP. Add more sheets if necessary (e.g., if more than 4 samples are collected per pollutant or facility has more than 4 sampling points). You MUST also attach a copy of laboratory results sheet(s) and associated QA/QC information to this form.

Name or Number of Sampling Point(s) (group data per sampling point)	Sample Date	pH **	Suspended Solids, Total **	Oil and Grease, Total **	Copper, Total	Lead, Total	Zinc, Total	E. coli *
		s.u.	mg/L	mg/L	mg/L	mg/L	mg/L	counts/100 ml
Outfall 001	10/3/2007	6.43	29	ND	0.0026	0.00076	0.15	
Outfall 001	11/17/2007	6.55	10	ND	0.00568	ND	0.161	
Outfall 001	1/8/2008	7.38	10	ND	0.00253	ND	0.0306	
Outfall 001	2/8/2008	7.61	10	ND	0.00366	0.00115	0.0206	
Geometric Mean (Note 4)		**6.974**	**13.050**		**0.003**	**0.001**	**0.062**	
Geometric Mean (Note 4)								
Geometric Mean (Note 4)								
Geometric Mean (Note 4)								
Permit Benchmark		**5.5 - 9.0**	**130**	**10**	**0.1**	**0.4**	**0.6**	**406**

*** Only applies to landfills accepting septage/biosolids and sewage treatment plants.**

**** Effluent limits for these parameters apply to some industries - see permit, Schedule A.7.**

Note 1: Submit this report to the appropriate DEQ regional or agent offices (see below) annually by July 31st. The report must contain the results of all stormwater monitoring conducted during the year. If you have a monitoring waiver for one or more of the pollutant(s), please report "M" in the column(s)-see permit-Schedule B.3.

Note 2: Non-detects must be reported as "ND" along with the applicable method detection limit in parentheses - e.g. ND (0.001).

Note 3: If a stormwater sampling result exceeds any of the benchmark values, the permit registrant must, within 30 calendar days of receiving the sampling results, investigate the cause of the benchmark exceedance(s), review the SWPCP and submit an Action Plan for department or agent approval.

Note 4: For the 4th year of coverage under the permit that became effective on July 1, 2007, report the geometric mean value of the last 4 samples collected for each pollutant parameter, from each sampling point. The geometric mean value is automatically calculated if using the Excel version of the DMR form.

Name/Title Principal Executive Officer or Authorized Delegate

(Please Print)

Telephone: 503-285-4200 *Email:* wallerj@kindermorgan.com

I certify, under penalty of law, that this document and all attachments were prepared under my direct supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sign here: Date 7/11/08

See reverse side for additional visual monitoring requirements

Monthly Visual Observations

	Record Visual Observations for Oil and Grease Sheen and Floating Solids:	
	Oil and Grease Sheen - No visible sheen allowed. Monthly observation when discharging. For months when no discharges occur, please write in "No Discharge" for that month.	**Floating Solids** (associated with industrial activities) – No visible discharge allowed. Monthly observation when discharging. For months when no discharges occur, please write in "No Discharge" for that month.
	Date	**Observations (please note the sampling point(s) name or number)**
July	No Discharge	
August	No Discharge	
September	No Discharge	
October	10/3/2007	No visible sheen or solids in the water at the sump to the sampling manhole. Outfall 001 is underwater.
November	11/17/2007	No visible sheen or solids in the water at the sump to the sampling manhole. Outfall 001 is underwater.
December	12/3/2007	No visible sheen or solids in the water at the sump to the sampling manhole. Outfall 001 is underwater.
January	1/27/2008	No visible sheen or solids in the water at the sump to the sampling manhole. Outfall 001 is underwater.
February	7-Feb	No visible sheen or solids in the water at the sump to the sampling manhole. Outfall 001 is underwater.
March	14-Mar	No visible sheen or solids in the water at the sump to the sampling manhole. Outfall 001 is underwater.
April	4/22/2008	No visible sheen or solids in the water at the sump to the sampling manhole. Outfall 001 is underwater.
May	5/25/2008	No visible sheen or solids in the water at the sump to the sampling manhole. Outfall 001 is underwater.
June	No Discharge	

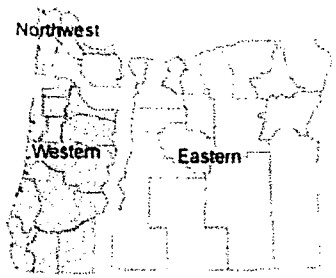
For facilities located within the following local jurisdictions, please submit one (1) copy of this report and laboratory results sheet(s) and QA/QC documentation to the local jurisdiction annually by July 31st:

Clean Water Services
Industrial Stormwater
2550 SW Hillsboro Hwy.
Hillsboro, OR 97123

City of Portland
Industrial Stormwater
Section
Water Pollution Control Lab
6543 N Burlington Ave.
Portland, OR 97203-5452

City of Eugene
Industrial Source Control
410 River Ave.
Eugene, OR 97404

For all other locations, please submit one (1) copy of this report and laboratory results sheet(s) and the QA/QC documentation to the appropriate DEQ regional office annually by July 31st:



DEQ Northwest Region Office
2020 SW 4th Ave. Suite 400
Portland, OR 97201
Phone: (503) 229-5263
Hours: 8 am - 5 pm

DEQ Eastern Region Office
300 SE Reed Market Rd.
Bend, OR 97702-2237
Phone: (541) 388-6146
Hours: 8 am - 5 pm

DEQ Western Region Office
(Benton, Lincoln, Marion,
Polk, and Yamhill counties)
750 Front St NE, #120
Salem, OR 97301-1039
Phone: (503) 378-8240
Hours: Mon - Thurs: 8 am - 5 pm
Fri: 8 am - noon, 1 - 5 pm

DEQ Western Region Office
(Lane and Linn counties)
1102 Lincoln St. Suite 210
Eugene, OR 97401
Phone: (541) 686-7838
Hours: 8 am - 5 pm

DEQ Western Region Office
(Coos, Curry, Douglas, Jackson,
and Josephine counties)
221 Stewart Ave. Suite 201
Medford, OR 97501
Phone: (541) 776-6010
Hours: 8 am – noon, 1 - 5 pm

KINDER MORGAN TERMINALS

Kinder Morgan Terminals

May 27, 2008

Mr. Dennis Jurries, PE
DEQ NWR Storm Water Engineer
2020 SW Fourth Avenue, Suite 400
Portland, OR 97201-4987

Re: Annual Stormwater Facility Inspection -- April 21, 2008

Ref: Permit #101377

Dear Mr. Jurries:

Enclosed are the documents that were requested in the letter dated April 25, 2008 that addressed the facility inspection that occurred at Terminal 5 on April 21, 2008. If there are questions, please do not hesitate to call me at the number listed below.

Please find the attached Spill Prevention Control and Countermeasure Plan from Don Thomas Petroleum.

Sincerely yours,

KINDER MORGAN BULK TERMINALS, INC.

Jack Waller
Terminal Manager

Cc: Timothy Dean, City of Portland
Regional EHS Manager
File

15550 N. Lombard Street Portland, OR 97203 503/285-4200 503/285-7733 Fax

KINDER MORGAN TERMINALS

Kinder Morgan Terminals

May 27, 2008

Mr. Timothy P. Dean
City of Portland - Environmental Services
Water Pollution Control Laboratory
Industrial Stormwater Program
6543 N. Burlington Avenue
Portland, OR 97203-5452

Re: Annual Stormwater Facility Inspection -- April 21, 2008

Ref: Permit #101377

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Sincerely yours,

KINDER MORGAN BULK TERMINALS, INC.

Jack Waller
Terminal Manager

CC: Dennis Jurries, DEQ
Regional EHS Manager
File

15550 N. Lombard Street Portland, OR 97203 503/285-4200 503/285-7733 Fax

KINDER MORGAN
BULK TERMINALS, INC.

Kinder Morgan Bulk Terminals, Inc.
Portland Bulk Terminals, L.L.C.
Terminal 5
15550 N. Lombard Street
Portland, OR 97203
(503) 285-4200

STORM WATER POLLUTION CONTROL PLAN

Prepared in Accordance with General Permit No. 1200 Z issued by the Oregon Department of Environmental Quality

April 2008.

Kevin T. Jones

Vice President – West Region

Primary Facility Contacts:

Jack Waller, Terminal Manager
503-285-4200, Ext. #40

Neil Maunu, Asst. Terminal Manager
503-285-4200 Ext. #17

Brent McMullin, West Region EHS Manager
360-693-5300, Extension #11

KMB00010411

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KMB00010412

1.0 STORM WATER POLLUTION CONTROL PLAN PREPARATION & IMPLEMENTATION

The Storm Water Pollution Control Plan for the Terminal 5 Facility of Kinder Morgan Bulk Terminals, Inc. is intended to meet the requirements for such a plan as specified in General Permit 1200Z issued by the Oregon Department of Environmental Quality (DEQ).

The plan has been prepared by a person knowledgeable in storm water management and familiar with the facility namely, the Regional Environmental, Health & Safety Manager.

The Plan has been signed in accordance with 40 CFR 12.22 by the Vice President, Regional Manager.

The plan shall be kept current and updated as necessary to reflect any changes in facility operations.

The Plan shall be submitted to DEQ or permit administrators in accordance with Schedule A in the General Permit. A copy shall be maintained at the facility and made available upon request to DEQ or other government agencies responsible for storm water management pursuant to Oregon State regulations.

2.0 SITE DESCRIPTION

2.1 INDUSTRIAL ACTIVITIES

KMBT Terminal 5 is a marine cargo-handling facility, SIC Code 4491. Only dry bulk cargo products are handled; primarily "potash" and, occasionally, other fertilizers. A layout map of the facility showing the locations of the bulk storage building, ship loading dock, overhead conveyors, conveyor transfer towers, railroad tracks, storm water retention pond, maintenance shop, lunchrooms, offices, roads and parking lots is provided in Figure 2.

General description:
Bulk quantities of outbound dry material are transferred from railcars and conveyed directly to cargo ships or, alternatively, into the storage building where it is later reclaimed and transferred to cargo ships.

Railcars containing bulk quantities of outbound material enter at the southeast end of the facility as identified on the Site Map (see Figure 2). Railcars pass through a covered structure identified as the Rail Pit where their contents are discharged into a pit located beneath the tracks. An enclosed conveyor transports the material from the pit to the top of Transfer tower "T-5" located south of the bulk storage building. From this point the material is either directed to Transfer tower "T-6" (then to four other conveyor towers and on to an outbound ship), or to Transfer tower "T-7" which is used to direct bulk material into the storage building.

KMBT operates under an Air Contaminate Discharge Permit # 26-3071, issued by Oregon DEQ. KMBT operates and maintains a modern, computer-controlled conveyor system with baghouses and cyclones to collect and control particulate matter discharges. Accordingly, the potential for products entering the storm water collection system is significantly minimized. Baghouses collect potash "fines" in tote bags, stored temporarily under cover and then picked up for agricultural use.

Any spills of solid materials that may occur during the handling of materials on the leased parcels are shoveled and swept up with a vacuum truck. Potash recovered during cleaning operations is placed in lined dumpsters and disposed of in a landfill.

Sanitary waste water and the majority of process wash water, is discharged directly to the City sewer system. Sewer discharges are regulated by the City of Portland and are monitored by both KMBT and the City's Bureau of Environmental Services pursuant to Permit Number 400.132. Occasionally, sufficient amounts of process water are generated and, therefore, must be transferred to a tanker and trucked to a permitted disposal facility

A list of bulk materials handled by KMBT Terminal 5 is presented in Section 2.5 of this SWPCP.

Maintenance of vehicles is generally accomplished off-site; however, some minor maintenance of equipment may be completed on site. Maintenance and fueling of the terminal locomotives is completed on site by third party contractors.
Two, mobile, diesel powered air compressors are used on site to maintain positive air pressure on brakes of railcars when the cars are uncoupled from locomotive power or when a string of cars is broken. These units may be moved around the facility, in the near vicinity of the rail tracks. The mobile air compressors are leased, maintained and fueled by a third party. Third party refueling is conducted following a "spill plan" developed by the fuel contractor.

2.2 GENERAL LOCATION MAP

The street address of the subject property is 15550 North Lombard; Terminal 5; Portland, Oregon 97203. The subject property is in Section 23; Township 2 North; Range 1 West of the Willamette Meridian; and is located on the east bank of the Willamette River near Kelly Point Park in the Rivergate Industrial area; and is approximately 1.5 miles south of the confluence of the Willamette and Columbia Rivers. The 100-acre subject property is located between United Western Supply/Milbank Materials USA to the East and Oregon Steel Mills on the West; by the Willamette River to the North and Lombard Street to the South.

A Site Location Map is presented as Figure 1.

2.3 SITE MAP AND SITE DRAINAGE MAP

A Site Map, Figure 2, illustrates the location of site facilities. A Site Drainage Map, Figure 3, illustrates directional storm water runoff patterns, ditches, and retention pond. Also depicted are locations of oil/water separators and spill kits.

2.4 IMPERVIOUS AREAS

Impervious surfaces include all paved surfaces and roofed areas. Impervious surface areas account for less than 10 percent of the subject property surface area and are shown in Figure 3.

2.5 POTENTIAL POLLUTANTS

KMBT Terminal 5 receives and ships bulk quantities of dry cargo materials. The principal material handled by KMBT Terminal 5 is potash; however, other fertilizer products may be infrequently handled. In addition, KMBT maintains, on site, various quantities of petroleum-based lubricants, paint, and fuel products such as gasoline, propane, and diesel for operational consumption. These products are maintained inside containers or buildings.

The introduction of the above materials into storm water runoff may result in changes to storm water pH, an increase in levels of oil and grease, ammonia, suspended solids, and total dissolved solids.

Benchmark values of storm water effluent pollutants are noted in the General Permit 1200Z.

A list of bulk materials currently handled (and anticipated to be handled) is provided below:

Non-hazardous materials (not listed in 40 CFR 302.4):

- Fertilizers (bulk)
    - Potash
    - Related fertilizers

2.6 RECEIVING WATERS

Storm water incident upon the Terminal 5 facility discharges into the Willamette River through an identified outfall from a retention pond and a series of collection ditches.(see Figure 3 Storm water flow from the retention pond and ditch system passes through a sedimentation manhole located behind (south of) the maintenance building and is the official sampling point.

2.7 DESCRIPTION OF STORM WATER DISCHARGES

Most of the storm water incident upon the 100-acre site flows to a retention pond and then to an outfall (Outfall 001) underneath the dock. Outfall 001 receives

KMB00010415

storm water runoff collected by a series of ditches and the retention pond shown in Figure 3. The drainage ditches and the retention pond are segregated from the maintenance shop, the interior of the bulk storage building and the covered conveyors. Because of the geographic lay of the land, some stormwater will drain directly to the sedimentation manhole through collection sumps. Collection sumps are fitted with sediment cloth or bio-bags at their openings.

Storm water is unlikely to be significantly impacted by industrial activities performed by KMBT.

Storm water samples are required to be taken and analyzed four times per year. Samples must be taken at least 14 calendar days apart with 2 sampling events occurring prior to December 31st each year and the remaining two samples are to occur between January 1 and June 30. In the event that any of the General Permit 1200Z benchmarks are not achieved, KMBT will investigate the source of the elevated pollutant levels and review the SWPCP within 30 days of receiving sampling results. An action plan including the results of the SWPCP review, corrective actions and implementation schedules will be submitted to the Agency.

KMB00010416

3.0 CONTROLS

3.1 EXISTING STORM WATER BEST MANAGEMENT PRACTICES

Existing storm water best management practices (BMP) designed to minimize industrial impact on storm water discharge include:

3.1.1 CONTAINMENT

A 480-gallon, double-walled, above-ground gasoline fuel storage tank is located on a drained containment pad of concrete designed to capture inadvertent drips or spills from vehicle fueling operations. The gasoline tank and fueling area are further protected from storm events by a covered structure. Liquids that inadvertently drip to the containment pad drain to an oil/water separator which discharges to the sewer. A small 100 gallon tank of diesel fuel is kept on a portable cart and is covered. A spill kit containing absorbents is maintained in the fueling area. Any spills that may occur are immediately contained and wiped up. Rail track "enviro pans" serve to collect and contain inadvertent spills, drips or leaks from the locomotives while stationed at their staging area. The pans drain to an oil/water separator and then to the city sewer. Spill kits are maintained in a covered area near the locomotive station.
The majority of petroleum based products stored for operational consumption are contained in a CONNEX box set in secondary concrete containment to ensure inadvertent spills that may reach outside the CONNEX box is contained.

3.1.2 OIL AND GREASE

Minor amounts of oil and grease from motorized vehicles occur on paved areas. Any oil or grease that may spill or leak during maintenance is cleaned up before it can interact with any storm water.

3.1.3 WASTE CHEMICALS AND MATERIAL DISPOSAL

Used oil is temporarily stored under cover in a double walled tank and then taken off site by manifest and recycled. All solid wastes are contained in lined and covered drop boxes and then disposed of at properly permitted disposal sites. Off-spec cargo material is diverted at Tower 3 to conveyor C-6 and conveyed to an enclosed structure referred to as "the bunker". The relatively small amounts of material in this structure are loaded into lined drop boxes and properly disposed of in landfill.
Tote bags of dust collector fines are temporarily staged on wooden pallets on a concrete pad next to the off-spec bunker building below conveyor C-7. Both C-7 and the bunker awning protect the tote bags from storm water before they are trucked off site for agricultural use.

3.1.4 EROSION AND SEDIMENT CONTROL

KMB00010417

The majority of the facility property is vegetated soil. Roads are either graveled or paved. The retention pond is designed to allow solids settlement thus reducing sediment from being transported to the storm water discharge point.

3.1.5 DEBRIS CONTROL

The retention pond and storm water ditches are kept free of debris to allow unimpeded storm water flow. Blocked ditches or storm water conveyances are cleaned as needed.

KMB00010418

3.1.6 STORM WATER DIVERSION

Storm water contacting the steam cleaning pad is captured in a sump, directed to an oil/water separator and discharged to the sewer. Inadvertent spills in this area are contained by placing a rubber mat over the drain and then cleaned. Storm water from the T-4 transfer tower is captured by a sump and pumped to the effluent tank system.

3.1.7 COVERED ACTIVITIES

The railcar unloading pit, conveyors, and storage building are covered to prevent exposure of products to storm water. Dumpster and debris containers are also covered.
Off spec material is diverted from the main conveyor system to an enclosed structure or "bunker". Tote bags of baghouse fines are staged next to and protected by an awning extending from the off-spec bunker building.

3.1.8 HOUSEKEEPING

Storm water contamination potential is minimized by regular cleaning, sweeping and vacuuming of dock; tower sumps; and work area surfaces. Terminal management conducts daily visual inspections of the facility to ensure site cleanliness.

3.2 SPILL PREVENTION AND RESPONSE PROCEDURES

Inadvertent spills and releases of solid cargo products will be cleaned up by means of sweeping and/or vacuuming. Leaks or drips of oil on the dock will be cleaned up using absorbents and containerized as quickly as practicable. An ample supply of absorbents and cleaning equipment shall be stored in the maintenance shop at all times. Inadvertent spills and releases of cargo products directly into the river from handling equipment such as front-end loaders, clamshell buckets, shiploaders, conveyors, etc., shall be minimized to the extent practicable by (a) maintaining all equipment in accord with manufacturer's specifications and good engineering practices; and (b) frequent cleanup of accumulations of spilled cargo on or near the dock. Spill kits are available on-site and qualified spill cleanup firms such as West Coast Marine Cleaning, NRC or Foss Environmental are available to respond to accidental spills. Under no conditions may any material or any waste of any kind be discharged into the river except as allowed under KMBT Terminal 5 NPDES permit. Spill response and prevention plans are discussed in KMBT Terminal 5 Accidental Spill Prevention Plan (ASPP).

3.3 PREVENTATIVE MAINTENANCE

KMBT Terminal 5 Terminal Manager is responsible for administering the maintenance and inspection programs that include:

- Daily inspections of areas where storm water could be impacted with contaminants

KMB00010419

- Monthly inspections of the facilities
- Maintenance activities for all product handling equipment and storm water conveyances.

3.4 EMPLOYEE EDUCATION

KMBT Terminal 5 provides training and instruction for all personnel regarding the goals and content of the SWPCP. Training of new employees who have responsibility and duties related to storm water pollution control will be conducted within 30 days of hire.
Training will address storm water management, spill response procedures, materials management practices and best management practices.

KMBT Terminal 5 presents the above information as part of regularly scheduled health and safety meetings; educational seminars; written procedures; posted materials; or combinations thereof. The effectiveness of this program shall be evaluated and modified as necessary as part of the KMBT Terminal 5 SWPCP annual review.

4.0 RECORD KEEPING AND INTERNAL REPORTING PROCEDURES

Discharge monitoring reports (DMR) and laboratory sample analyses shall be submitted to DEQ or Agent by July 31st each year. DMR and Action Plans may be obtained by accessing the DEQ website at http://www.deq.state.or.us/wq/stormwater/industrial.htm.

The SWPCP shall be maintained on file at KMBT Terminal 5 and made available to the DEQ for inspection upon request. A copy of the NPDES 1200 Z Permit including the General Conditions shall be kept on file with the Plan.

KMBT Terminal 5 shall maintain records of the following events:

Inspections, maintenance, repair, and educational activities.
Incidents and upsets that impact or have the potential to impact storm water or surface waters shall also be documented and retained.

KMB00010420

APPENDIX I

STORM WATER QUALITY CONTROL OPERATION & MAINTENANCE PLAN

Description of Storm Water Facilities: The storm water facilities for the Kinder Morgan Bulk Terminals, Inc. Facility located at 15550 North Lombard Street in Portland, Oregon consist of the following:

- Roof gutters and downspouts on the storage building
- Asphalt lined ditches in the vicinity of the bulk storage building
- Unlined ditches that circumscribe the railroad tracks and the roadways.
- Culverts and piping which transports storm water under roadways and railroad tracks
- Water collection troughs and sumps on the dock
- Rail track collection trays at the locomotive station.
- Oil/water separation at three locations
- A settlement/retention pond
- A sedimentation manhole
- An outfall to the Willamette River

Inspections:

Visual monitoring for floating solids and petroleum sheen shall be conducted at least once per month when there is storm water discharge.

Daily facility inspections are conducted to ensure ditches and pond are clear of debris or blockage.

Inspection of all storm water facilities will be completed twice a year with review of the following items:

- Stabilization of retention pond embankment will be insured by checking for signs of erosion
- Structural integrity of retention pond weir (discharge pipe) will be reviewed

Maintenance: The storm water facilities will be maintained in the following manner:

- Erosion of the pond embankment and unlined ditches will be repaired in a timely manner upon discovery. Causes of erosion will be identified and corrected.
- Structural deficiencies of the pond weir will be corrected in a timely manner upon discovery.
- Vegetated areas will be mowed at least once a year and herbicides* will be used to control vegetation that is not controlled by mowing.
  NOTE: Because of product shipments to Australia, Terminal 5 is subject to the rules of the Australian Quarantine Inspection Service and cannot allow vegetation to go to seed inside the terminal.
- The oil / water separators, collection sumps as well as the sedimentation manhole will be cleaned as needed, but at least annually to minimize sediment build up.
- Vegetation that interferes with the settlement pond will be pruned or removed.

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- Excess sediment in culverts and ditches will be cleaned out as needed.

* Selected herbicides that will not contaminate storm water.

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Appendix II

SWPCP REVISIONS

10-04-04	Revised title page to include facility contact names and phone numbers as requested by BES letter dated 9-30-04. (Filed under SW Facility Inspections)
7-23-07	Language revisions throughout document Site maps updated to reflect third loop track and related facility modifications
10-26-07	Revised to reflect changes in NPDES permit issued in September 2007
04-25-08	Language revisions throughout document. Site maps updated identifying locations of spill kits and oil/water separators.
05-23-08	Primary Facility Contacts revision.

KMB00010423

KINDER MORGAN BULK TERMINALS, INC.

Kinder Morgan Bulk Terminals, Inc.

ACCIDENTAL SPILL PREVENTION PLAN

Terminal Manager

This plan has been prepared to meet the requirements of industrial wastewater Discharge Permit # 400-132 issued by the City of Portland for discharges from KMBT's Portland Bulk Terminal 5.

Terminal 5 is a dry bulk marine cargo handling facility. Terminal 5 handles primarily "potash" with occasional other products including various fertilizers and non-hazardous materials (see below). Please see attached plan view map of the facility entitled "Sewer Access Map", showing the location of the office, maintenance shop, SGS Trailer, lunchroom, effluent tanks, gas tank, steam cleaning pad, oil/water separators, locomotive parking area, and POTW sampling manhole.

1. Substances handled (or potentially handled):

A. Petroleum products and hazardous substances (listed in 40 CFR 302.4)

- Concentrated acids or bases: May be used as needed for neutralization of wastewater prior to discharge to sewer. These products are currently not stored onsite.
- Lubricants, fuels, oil and used oil (refer to Appendix A for details of the diesel and gasoline fuel tanks)

B. Non-hazardous bulk materials (not listed in 40 CFR 302.4)

- Potassium Chloride ("potash")
- Urea
- Ammonium sulfate
- Potassium sulfate
- Phosphate rock
- Di-ammonium and Mono-ammonium phosphate
- Monocalcium Phosphate ("Triple Super Phosphate")
- Other related fertilizer products
- Soda ash (sodium carbonate)

2. Potential points of entry into City sewer system (see attached map entitled "Sewer Access Map"):

- Effluent Tanks
- Steam Cleaning Pad outside Maintenance Shop (Oil/Water Separator)
- Containment Pad for Gasoline Tank by Maintenance Shop (Oil/Water Separator)
- Oil/Water Separator near Locomotive Parking area.

- Sinks and Toilets in Maintenance Shop, Main Office, SGS Trailer, and Lunchroom
- Sampling Manhole at Facility Entrance (Main Gate)

3. Measures to prevent entry of spills into the sewer system:

- The 480-gallon, above-ground, gasoline fuel tank is of double wall construction to prevent leakage. The tank is mounted on a concrete secondary containment pad to capture inadvertent drips or spills from vehicle refueling operations. Liquids on the containment pad will drain to an oil/water separator and will discharge to the City sewer.

- The 100-gallon portable diesel tank is placed on a movable trailer. Any inadvertent drips or spills during fueling operations are cleaned up immediately using absorbent pads.

- De-greasers and other small quantities of chemicals and paints are stored in metal cabinets inside the maintenance shop that has a concrete base and no access to the City sewer.

- Lube oils and greases are stored in drums and smaller containers in a 20' storage container place on a concrete containment pad located adjacent to the maintenance shop. There is no direct access to the City sewer.

- Steam Cleaning Pad has a catch basin that drains to an oil/water separator and then discharges to the City Sewer System.

- Acids and bases for pH neutralization are not onsite. Should they be needed in the future they will be stored in secured containment with no access to the sewer.

- Absorbent material is placed under locomotives when they are parked outside the Enviro Pans to catch oil drips.

- Bulk products such as fertilizers and "miscellaneous compounds" are transferred directly to vessels or temporarily stored in the bulk storage warehouse that does not have sewer access points.

- The following "Best Management Practices (BMPs) are used at Terminal 5:

  - Safe handling procedures and personnel training (see Attachment 1)
  - Indoor storage/secondary containment for fuel, lubricants, degreasers, paints and other miscellaneous chemicals
  - Spill kits are available onsite and qualified spill cleanup firms such as NRC Environmental or West Coast Marine Cleaning (WCMC) are available to respond to accidental spills

4. Measures to be taken to contain spills:

See Attachment 2

5. Description of employee training:

This plan is reviewed with all new employees. The plan and spill reporting procedures are also reviewed with all employees on an annual basis. Additionally, the "**NOTICE**" (Attachment 3) and a copy of this plan are posted in the office, lunchrooms and maintenance shop.

6. Maintenance, Repair, & Cleaning of Equipment:

A proactive, predictive, and preventative maintenance program is in place including daily, weekly, monthly, quarterly, and annual maintenance covering materials handling/storage, structures, and treatment facilities. Detailed records are kept on site and are available for review upon request. In addition, a detailed annual training program covering all aspects of the environmental, health, and safety issues in the terminal has been established and is documented.

7. Recordkeeping and Reporting Procedures:

As noted above, Maintenance and training is documented. In addition, the terminal has an incident reporting procedure and documentation that includes spills, overfills, or leaks.

An annual management review of this Plan is conducted and documented.

In the event of accidental or slug loading, Terminal personnel will immediately notify the city (Attachment 3) and the Terminal Manager will write a formal report and submit it to the City with in 5 days.

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ATTACHMENT 1

Best Management Practices (BMPs) for Kinder Morgan Dock Operations

The following BMPs shall apply at all KMBT Dock Operations. These BMPs must be reviewed with all employees and posted on the bulletin board.

---

1. Contamination of stormwater shall be minimized by regular cleaning/sweeping/vacuuming of docks and work surfaces. Inadvertent spills and releases of cargo products and leaks and drips of oil on the docks shall be cleaned up by means of sweeping and/or vacuuming and/or absorbents, etc. as quickly as practicable. An ample supply of absorbents and cleaning equipment shall be maintained in the dock at all times.

2. Limited washdown of the dock and dock equipment is allowed by the DEQ.

3. Inadvertent spills and releases of cargo products directly into the River from handling equipment, such as front-end loaders, clamshell buckets, shiploaders, conveyors, etc., shall be minimized to the extent practicable by a) maintaining all equipment in accord with manufacturers' specifications and good engineering practice; and b) frequent cleanup of accumulations of spilled cargo.

4. Under no conditions may any material or any waste of any kind be discharged into the River except as allowed under a State or Federal Wastewater Discharge Permit.

ATTACHMENT 2

MEASURES TO BE TAKEN IN THE EVENT OF A HAZARDOUS SUBSTANCE SPILL

Step 1. Determine source of spill and, if it can be safely done, shut off valves, conveyors, etc.

Step 2. Immediately notify KMBT supervisor on duty and warn any personnel in the area.

Step 3. Isolate area and remove all sources of ignition.

Step 4. Follow spill reporting guidelines.

Step 5. Review MSDS for the material to familiarize yourself with handling precautions. MSDS's are located in the front office.

Step 6. Be sure area is well-ventilated to dissipate gases that may have been created by the spill.

Step 7. Keep hazardous materials out of sewers, storm drains, surface water and soils.

Step 8. Use Spill Cleanup Kits as required. Spill Kits are located at: Locomotives, Buggies, C10 & C11, DV-1, C16 Plow, Red Reclaimer, White Reclaimer, Red Tripper, White Tripper, Fuel Station, Maintenance Shop, Rail Clamp, & Shiploader MCC-7.

Step 9. Use protective equipment as specified in the MSDS for the product spilled.

Step 10. For small spills and leaks, mop or wipe up and dispose of the spilled material in an appropriate container.

Step 11. For large spills, contain spill with absorbent or other non-combustible materials by diking. After containment, shovel or pump hazardous materials and absorbents into DOT-approved drum or other appropriate container.

Step 12. Contact KMBT supervisor for instructions on proper disposal.

Step 13. Wash protective equipment thoroughly before securing from cleanup and return same to storage container. Replace any necessary items.

Step 14. If accidental contact with eyes or shins occurs, follow instructions on the MSDS.

ATTACHMENT 3

TERMINAL 5 SPILL RELEASE REPORTING GUIDE

Remember: When in doubt – REPORT. There is no penalty for "over-reporting". There are penalties, however, for "under-reporting". Always contact the Terminal Manager at 503-816-5261 and the Regional EHS Manager at (cell) 503-936-5622.

NOTE: Potash (potassium chloride) and other fertilizers handled at T-5 are NOT Hazardous Substances as defined in 40 CFR 302. Accordingly, spills of these substances do not have to be reported. They must, however, be promptly and thoroughly swept up and disposed of in designated dumpsters.

ON LAND

For any oil or oily product, determine if more than 1 barrel (42 gallons) was spilled.

- If less than 1 barrel went off our property, no reporting is required.

- <u>If 1 barrel or more went off our property, the supervisor must immediately call</u>:

  Oregon Emergency Response System (OERS) at 1-800-452-0311 or 503-378-6377

AND National Response Center at 1-800-424-8802

INTO SANITARY SEWER

In the event of a spill of any regulated hazardous material or lubricant that gets into the City of Portland's sewer system, the supervisor on duty must immediately notify the City of Portland Bureau of Environmental Services at:

Monday through Friday, 8:00 am to 4:30 pm	-	503-823-7180
After Hours and Weekends	-	503-323-3398

INTO WATER

Any amount of oil or oily product that causes a sheen on the water requires immediate reporting to the following agencies:

Oregon Emergency Response System (OERS) at 1-800-452-0311 or 503-378-6377

AND National Response Center at 1-800-424-8802

AND Local US Coast Guard at 503-240-9379 (business hours) –or- 503-240-9311 (after hours)

AIR EMISSIONS

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Excess emissions must be recorded with an incident report and entered into the facility Upset Log by the Terminal Manager and forwarded to the Regional EHS Manager.

APPENDIX A

FUEL TANK INFORMATION

GASOLINE TANK

1. Brand	Lube Cube by Hoover Group, Inc. Containment Systems Division
2. Fuel tank capacity	480 gallons, unleaded gasoline, above ground tank
3. Location:	South of Maintenance Shop on concrete pad (refer to Sewer Access Map)
4. Containment	Double walled, steel construction w/ventilation. Concrete pad is designed so that any leaks or spills are drained to an oil/water separator
5. Safety Certification	Meets NFPA-30 Specifications for storage of flammable and combustible liquids

DIESEL TANK

1. Fuel tank capacity	100 gallons, above ground tank
2. Location:	One portable trailer
3. Containment	None

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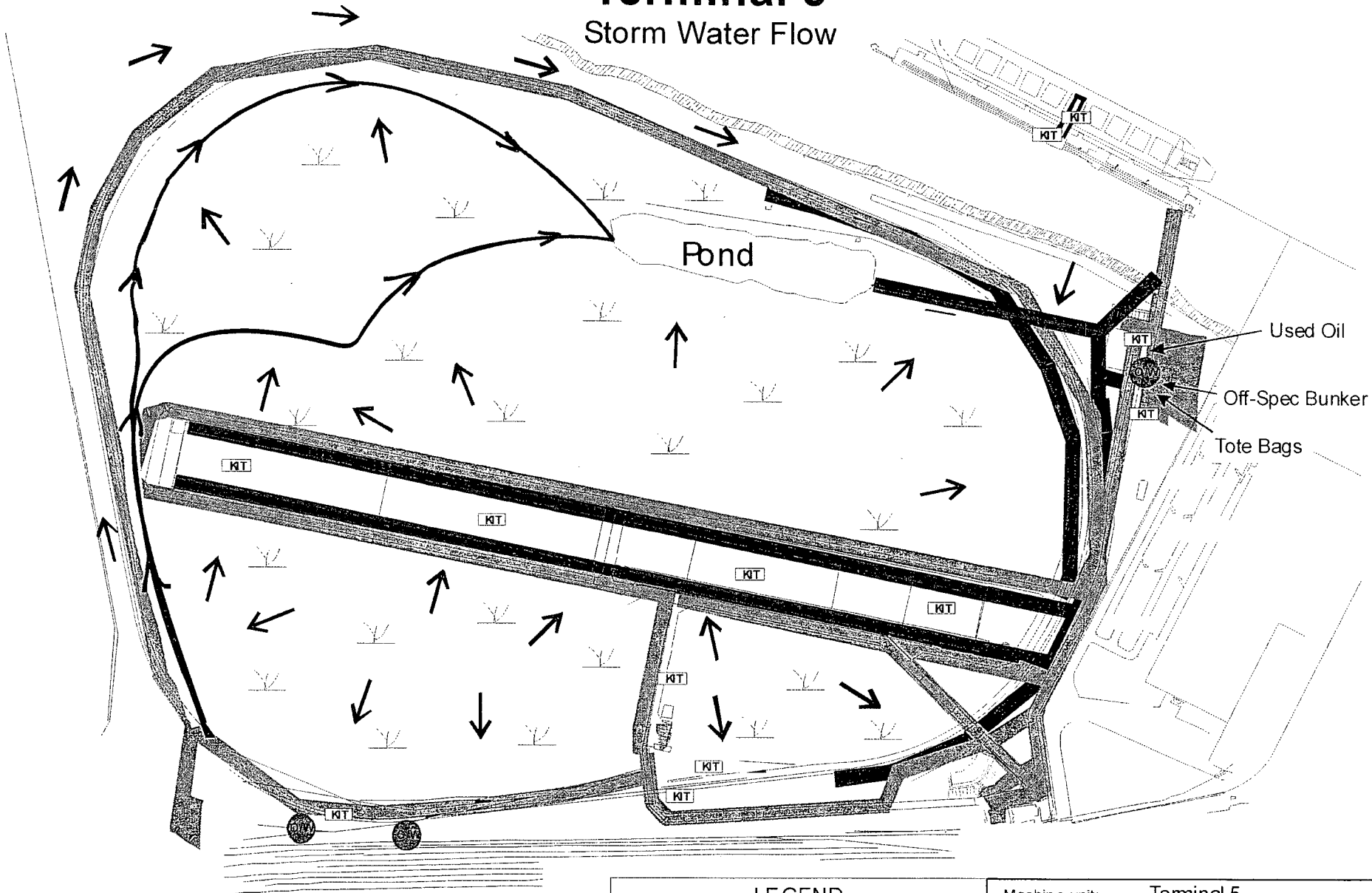
Terminal 5

Storm Water Flow



LEGEND

- Paved Area
- Ditch to Pond
- Ditch to River
- Gradient
- Grassy/Sandy Area
- Culvert to Outfall
- KIT Spill Kit
- OWS Oil Water Separator

Machine unit:	Terminal 5
Date:	4/26/08
Drawn by:	J. Waller

Site Drawing Map
Storm Water Flow

KINDER MORGAN ENERGY PARTNERS, L.P.

DAILY WATER POLLUTION CONTROL INSPECTION FORM

To: Security Personnel

Instructions:
1) Please complete this form in its entirety
2) This inspection will be performed on a daily basis during daylight hours

Date _____

Performed by (Name) _____

Time _____

1. Weather **(circle one)** Clear Cloudy Partly Cloudy Rain Showers Snow Hail Fog

(circle one)

2. Is the Terminal handling cargo? YES NO

   If the answer is "YES", call the Terminal Superintendent to provide the following information:

   Product Handled (type of cargo) _____

3. Are ditches clear and free of debris, blockage, floating solids & oily sheen? YES NO
4. Is pond clear of debris, blockage, floating solids & oily sheen? YES NO
5. Is water around the dock free of floating solids & oily sheen? YES NO

   --If NO, is there a rainbow sheen (oil) in water? YES NO

   --If NO, is there any cargo in water? YES NO

   --If NO, is there foam in water? YES NO

If you answered "NO" to Questions 5 - report this immediately to a Superintendent!

6. Is the dock free of excessive cargo? (1/4" layer of cargo or less) YES NO

Are there trains on site? YES NO

If the answer is "YES", circle the number as follows: 1 2 3

Is there a ship on site? YES NO

BOOT CAMP 4-9-08 - HILTON HOTEL

NAME	Signature
BRENT MC MULLIN	Brent McMullin
Mark Hill	Mark Hill
Katrina Greene	K Greene
JACK WALLER	Jack Waller
Neil Mannu	[illegible]
Kial Gunter	[illegible]
GARRY SMITH	[illegible]
Gene ELLIS	[illegible]
ERIC STANTON	[illegible]
LARRY LABONTE	[illegible]
Jim Farrell	[illegible]
S. CADONAU	[illegible]
PAT GARRIDE	[illegible]
CHRIS ALEXANDER	[illegible]
MIKE DELASHMIT	[illegible]
RALPH POND	Ralph Pond
Mike Miller	Mike Miller
BRUCE CRAVEN	[illegible]
Brad Clinefelter	[illegible]
Kevin Jones	Kevin Jones
Marco Ullmer	[illegible]
Ken McLaughlin	[illegible]
BILL DUNBAR	[illegible]

STORMWATER TRAINING

EHS Boot Camp

NPDES / Water Compliance

1

Agenda

- Objectives
- History
- Background – Why does this matter?
- Agency Oversight
- Elements
- Compliance Requirements

2

Objectives

- Operate our facilities in compliance with all relevant federal, state, and local air regulations
- Maintain compliance with the Kinder Morgan corporate Water Policy
- Sustain the ability to readily demonstrate compliance to regulators, Kinder Morgan auditors/assessors, and our customers
- Manage compliance activities in way that positively supports future business expansion

3

History of NPDES

- Section 402 of the Clean Water Act established the National Pollution Discharge Elimination System (NPDES) to reduce pollution in U.S. waterways through permit regulations. 40 CFR 122.26 and 40 CFR 123.25
- A state may receive authorization from EPA for one or more of the NPDES program components. If EPA has approved a state's NPDES program, then the state assumes permitting authority in lieu of EPA and NDPES permit applications would then be submitted to the state agency. Even after a state receives NPDES authorization, EPA continues to issue NPDES permits on tribal lands unless the tribe administers its own approved NPDES program
- Any U.S. facility subject to NPDES regulations that does not have a discharge authorization, may be in violation of Municipal, State and Federal law.

4

Why this matters?

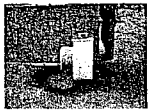
- Any 'person' discharging a pollutant into the waters of the U.S. A 'person' is defined as an individual, corporation, partnership, association, state, municipality, commission, or political subdivision of a state, or any interstate body.
- Under Section 309 of the CWA, penalties for violating the permit or not having a permit to discharge into the waters of the U.S. may be up to $27,500 per violation per day. Under Section 311, a Class I penalty may be assessed in an amount of up to $10,000 per violation, not to exceed $25,000; a Class II penalty may be assessed in an amount of up to $10,000 per day per violation, but not to exceed $125,000.
- EPA may issue an order to <u>any person or company</u> who violates the Clean Water Act. The order may impose a civil penalty plus recovery of any economic benefit of noncompliance and may also require correction of the violation.

5

Examples

Staining on the ground

Sediment/Product controls



Source for water pollutants

Sheens in the water

6

Background

- National Pollutant Discharge Elimination System (NPDES) has helped make America's waters safe for fishing, swimming, and drinking. Through its regulatory constraints and enforcement mechanisms, it has controlled hundreds of thousands of water-polluting discharges from urban areas, construction sites, and industrial facilities.
- Storm water associated with industrial activities may come into contact with any number of harmful pollutants including toxic metals, oil, grease, de-icing salts, and other chemicals. Activities such as storage and material handling can also add pollution to runoff. Polluted storm water runoff flows into Maine's lakes, streams, estuaries, wetlands and other water bodies.
- When left uncontrolled, this water pollution can result in threats to public health, and damage to fish, wildlife, and aquatic life habitats

7

Agency Oversight

- Federal EPA (40 CFR 122.21, 40 CFR 122.26 & 40 CFR 123.25)
- Federal EPA has authorized State NPDES Oversight.

8

Criteria for a NPDES Storm water

- Individual Permit
  - This permit is unique to each facility. The limitations and requirements in an individual permit are based on the facility's operations, type and amount of discharge, and receiving stream, among other factors
- General Permit
  - This permit covers facilities that have similar operations and type of discharge and are used to cover discharges that will have a minimal affect on the environment.

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Criteria for a Construction Storm water

- Construction Permit
  - Storm Water Discharges associated with Construction Activity.
  - Site is not authorized for storm water discharges associated with construction activity as defined in 40 CFR 122.26(b)(14)(x) or 40 CFR 122.26(b)(15)
    - <1 Acre
    - 1 to 5 Acre
    - 5 or more

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Main Elements Water Permit

- Individual or General Permit
- Notice of Intent
- Storm Water Pollution Prevention Plan
  - Potential Pollution Sources
  - Management Practices and Controls
  - Site Compliance Evaluation
- Sampling and Monitoring

11

Notice of Intent

- Initial
  - A Notice of Intent (NOI) is an application for coverage under a National Pollutant Discharge Elimination System (NPDES) General Permit
- Renewal
  - A Notice of Intent (NOI) is submitted for renewal under a National Pollutant Discharge Elimination System (NPDES) General Permit
- Amendment
  - A Notice of Intent (NOI) is submitted when changes to elements or site will be required

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Storm Water Pollution Prevention Plan -SWPPP

- **Elements**
  - Drainage map for the facility or site
  - Inventory of exposed significant materials
  - List of best management practices (BMP's) that will address potential storm water pollutants at the facility
  - Preventive maintenance program
  - Spill prevention, control and countermeasures (SPCC) plan (if applicable)
  - Annual reporting
  - Erosion Control Plan
  - Source Control
  - Waste Minimization/Waste Management
  - Minimization or Elimination of Material Exposure
  - Inspection and Maintenance
  - Documentation

13

Evaluation / Monitoring

- Conduct annual site inspection/BMP evaluation
- Conduct recordkeeping and reporting
- Review and revise plan

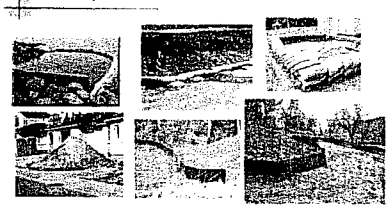
14

Construction General Permit

- Construction General Permit
- Notice of Intent
- Storm Water Pollution Prevention Plan
  - Management Practices and Controls
  - Inspections
- Notice of Termination

15

Compliance



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Compliance Focus Areas

- Storm Water Pollution Prevention Plan (SWPPP) must be current,
- Discharge Monitoring Reports documentation must be complete,
- SWPPP must be certified,
- Inspections of outfalls and storm drains are required to be inspected and documented as noted in NPDES permit conditions,
- NPDES permit requires that Best management practices (BMPs) are designed to control, reduce or prevent storm water pollution, they need to be followed and or be updated to reflect what the facility is currently doing to meet the requirement spell out in the permit. Construction stormwater permits have the same or similar requirements

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KMB00010436

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

DON THOMAS PETROLEUM INC
2727 NW ST HELENS ROAD
PORTLAND OR 97210
503-227-0145

CONTACT
Don W Thomas CEO

NAME: Don Thomas Petroleum Inc
2727 NW St Helens road
Portland OR 97210

PRESIDENT: David W Thomas

OTHER PERSONNEL:
Secretary-Treasurer
Office Manager
Sales Manager
Sales Representative
Bookkeeper
Delivery Drivers – 6
Warehouseman

SERVICE AREA: NW Oregon and SW Washington

FACILITY DESCRIPTION:
The bulk plant of the Don Thomas Petroleum company Handles, stores and distributes packaged motor oils and industrial oils in 55 gallon steel drums and case goods. The accompanying drawing shows the property boundary and onsite building. The largest above storage for petroleum products is 330-gallon totes.

FIXED STORAGE: One 2000-gallon split above ground tank
½ diesel fuel
½ gasoline

TOTAL VEHICLES: 2 Transport Delivery Trucks
2 Tank Wagon Delivery Trucks
3 Package Delivery Trucks
1 Pick up Truck

PAST SPILL EXPERIENCE:

None

The bulk plant is constructed of concrete block and the outdoor area id completely blacktopped. There are tree area lights located so as to illuminate the entire bulk plant and parking area. A chainlink fence surrounds the entire area and gates are closed and locked whenever the plant is unattended.

SPILL PREVENTION STORAGE TANKS:

Above ground tanks are for own consumption only. Venting capacity is suitable for the fill and withdrawal rates. Main power switch is located inside the office. An emergency shut off switch is located outside the front door.

SPILL PREVENTION VEHICULAR:

Onsite

Loaded vehicles are not left unattended or parked with product onboard. Absorbent pads and dikeing material are immediately available. There are no drains in the bulk plant facility. The nearest open stream or river is over two miles away. Personnel training are drills are described herein later.

Off Site

Each vehicle is equipped with a shovel, absorbent pads, and dikeing materials. The drivers are instructed to achieve emergency containment if possible, then to call office for help immediately, If unable to reach office personnel drivers are instructed to call our emergency response contractor.

PERSONNEL: All personnel have been instructed and rehearsed in the following spill prevention and countermeasure plans.

1. Instruction has been held on oil spill prevention and containment.
2. Instructions and phone numbers have been publicized and posted at the office regarding the report of a spill to the EPA and the State of Oregon and the State of Washington Department of Ecology.
3. Drivers must all complete both the Hazmat and Coast Guard Training Courses.
4. Drivers are required to attend and participate in weekly safety and product handling classes. Classes

are specific in regards to regulations, which relate to oil spill and countermeasure procedures.

FUTURE SPILL PREVENTION PLANS:

Onsite storage of spill containment and retrieval materials and equipment – bagged absorbent, absorbent pads and tools. Storage facility will be well publicized and clearly identified. A routine inspection program for prevention of leakage from drums in storage and leakage of any product from tank trucks

Continued educational programs for all employees on spill prevention and proper countermeasure procedures as prescribed by Don Thomas Petroleum.

Utilize placement of Safety Cones around trucks while in the process of loading and unloading.

Supply all delivery drivers with cell phones to provide faster response to spills or possible product losses.

Review plans periodically and update as required.

Don W Thomas

CERTIFICATION

CERTIFICATION INFORMATION

A. Name of Facility------Don Thomas Petroleum Warehouse
B. Type of Facility------Packaged Oil Storage
C. Date of Initial Operation ------1 September 1978
D. Location of Facility ------2727 N.W. St Helens Road, Portland, Oregon
E. Name and Address of Owner ------Don W. and Bonnie L. Thomas
14940 S.W. 103rd
Tigard, Oregon 97224
F. Designated Person Responsible for Oil Spill Prevention------Don W. Thomas
G. Oil Spill History-----This facility has experienced no spill event since its inseption.
H. Management Approval---Full approval is extended by Management at a level with authority to commit the necessary resources toward spill prevention.

DON W.THOMAS
PRESIDENT - DON THOMAS PETROLEUM,INC.

I. CERTIFICATION---------I hereby certify that I have examined the facility and being familiar the the provisions of 40CFR, Part 112 attest that this SPCC Plan has been prepared in accordance with good engineering practices.

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF June 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
16	KM	Clear	72IS	✓		✓		✓		✓		
17	KM	Cloudy	7Gm	✓		✓		✓		✓		
18	KM	Cloudy	72IS	✓		✓		✓		✓		
19	KM	Clear	7Gm	✓		✓		✓		✓		
20	KM	Clear	N/A	✓		✓		✓		✓		
21	MH	Cloudy	7Gm	✓		✓		✓		✓		
22	MH	Cloudy	7Gm	✓		✓		✓		✓		
23	KM	Clear	7Gm	✓		✓		✓		✓		
24	KM	Clear	7Gm	✓		✓		✓		✓		
25	KM	Clear	7Gm	✓		✓		✓		✓		
26	KM	Cloudy	B1I1	✓		✓		✓		✓		
27	MH	Clear	RSTO	✓		✓		✓		✓		
28	MH	Clear	LOSTO	✓		✓		✓		✓		
29	MH	Clear	N/A	✓		✓		✓		✓		
30	MB	Clear	N/A	✓		✓		✓		✓		
31												

MANAGER SIGNATURE: [signature] **DATE:** 7/1/08

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF June 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
1	MH	Clearly	G1T1	✓		✓		✓		✓		
2	KM	Clearly	DFSS	✓		✓		✓		✓		
3	KM	Rain	N/A	✓		✓		✓		✓		
4	KM	Clearly	7Lhn	✓		✓		✓		✓		
5	KM	Clearly	7Lhn	✓		✓		✓		✓		
6	KM	Clearly	7Lhn	✓		✓		✓		✓		
7	MH	Clearly	N/A	✓		✓		✓		✓		
8	MH	Clearly	7Lhn	✓		✓		✓		✓		
9	KM	Clearly	7Lhn	✓		✓		✓		✓		
10	MH	Clearly	7Lhn	✓		✓		✓		✓		
11	MH	Clearly	N/A	✓		✓		✓		✓		
12	KM	Clearly	N/A	✓		✓		✓		✓		
13	MH	Clear	N/A	✓		✓		✓		✓		
14	MH	Clear	LOSTO	✓		✓		✓		✓		
15	MH	Clearly	N/A	✓		✓		✓		✓		

Routing: Please check box when reviewed
- ☐ 2. Terminal Manager
- ☐ 3. Assistant

Distribution:
- ☐ Original to File
- ☐ Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF May 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
1	KM	Cloudy	N/A	✓		✓		✓		✓		
2	MH	Cloudy	7Lrn	✓		✓		✓		✓		
3	MH	Cloudy	7Lrn	✓		✓		✓		✓		
4	MH	Cloudy	N/A	✓		✓		✓		✓		
5	KM	pCloudy	7Lrn	✓		✓		✓		✓		
6	KM	pCloudy	7Lrn	✓		✓		✓		✓		
7	KM	pCloudy	RSTD	✓		✓		✓		✓		
8	KM	pCloudy	N/A	✓		✓		✓		✓		
9	MH	Cloudy	N/A	✓		✓		✓		✓		
10	MH	Cloudy	N/A	✓		✓		✓		✓		
11	MH	Cloudy	PLrn	✓		✓		✓		✓		
12	KM	Cloudy	71I1	✓		✓		✓		✓		
13	KM	Cloudy	RFSS	✓		✓		✓		✓		
14	KM	Cloudy	WFSS	✓		✓		✓		✓		
15	KM	pCloudy	LOSTD	✓		✓		✓		✓		

Routing:	Please check box when reviewed
☐	2. Terminal Manager
☐	3. Assistant

	Distribution:
☐	Original to File
☐	Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF May 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
16	MH	Clear	G1T1	✓		✓		✓		✓		
17	MH	Clear	RSTD	✓		✓		✓		✓		
18	MH	Clear	7Grn	✓		✓		✓		✓		
19	KM	Clear	7Grn	✓		✓		✓		✓		
20	KM	Rain	7Grn	✓		✓		✓		✓		
21	KM	Cloudy	7Grn	✓		✓		✓		✓		
22	KM	Cloudy	7Grn	✓		✓		✓		✓		
23	MH	Cloudy	7Grn	✓		✓		✓		✓		
24	MH	Cloudy	7Grn	✓		✓		✓		✓		
25	MH	Rain	7Grn	✓		✓		✓		✓		
26	KM	Rain	7Grn	✓		✓		✓		✓		
27	KM	Rain	N/A	✓		✓		✓		✓		
28	KM		N/A	✓		✓		✓		✓		
29	KM	Rain	N/A	✓		✓		✓		✓		
30	MH	Cloudy	N/A	✓		✓		✓		✓		
31	MH	Cloudy	N/A	✓		✓		✓		✓		

MANAGER SIGNATURE: [signature] **DATE:** 6/3/08

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF April 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
1	KM	Fog	7Lbm	✓		✓		✓		✓		
2	KM	Cloudy	7Lbm	✓		✓		✓		✓		
3	KM	Clear	KMAB	✓		✓		✓		✓		
4	MH	Cloudy	7Lbm	✓		✓		✓		✓		
5	MH	Cloudy	RSTD	✓		✓		✓		✓		
6	MH	Cloudy	7Lbm	✓		✓		✓		✓		
7	KM	Rain	WOSTD	✓		✓		✓		✓		
8	KM	Rain	72IS	✓		✓		✓		✓		
9	KM	Rain	7Lbm	✓		✓		✓		✓		
10	KM	Rain	7Lbm	✓		✓		✓		✓		
11	MH	Clear	N/A	✓		✓		✓		✓		
12	MH	Clear	7Lbm	✓		✓		✓		✓		
13	MH	Cloudy	7Lbm	✓		✓		✓		✓		
14	KM	Cloudy	7Lbm	✓		✓		✓		✓		
15	KM	Cloudy	7Lbm	✓		✓		✓		✓		

Routing:	Please check box when reviewed
☐	2. Terminal Manager
☐	3. Assistant

	Distribution:
☐	Original to File
☐	Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF April 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Water Around Dock Free of Floating Solids & Oily Sheen? YES	NO	Dock Surface Free of Excessive Product Spillage ? YES	NO	Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
16	KM	Cloudy	G1I1	✓		✓		✓		✓		
17	KM	pCloudy	N/A	✓		✓		✓		✓		
18	MH	Cloudy	N/A	✓		✓		✓		✓		
19	MH	Cloudy	N/A	✓		✓		✓		✓		
20	MH	Cloudy	RSTD	✓		✓		✓		✓		
21	KM	Cloudy	7Grn	✓		✓		✓		✓		
22	KM	Rain	7Grn	✓		✓		✓		✓		
23	KM	Cloudy	7Grn	✓		✓		✓		✓		
24	KM	Cloudy	N/A	✓		✓		✓		✓		
25	MH	Cloudy	7Grn	✓		✓		✓		✓		
26	MH	Clear	N/A	✓		✓		✓		✓		
27	MH	Cloudy	F1I1	✓		✓		✓		✓		
28	KM	Cloudy	7Grn	✓		✓		✓		✓		
29	KM	Cloudy	RFSS	✓		✓		✓		✓		
30	KM	Cloudy	7Grn	✓		✓		✓		✓		
31												

MANAGER SIGNATURE: [signature] **DATE:** 4-30/08

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF March 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Water Around Dock Free of Floating Solids & Oily Sheen? YES	NO	Dock Surface Free of Excessive Product Spillage ? YES	NO	Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
16	NB	Cloudy	N/A	✓		✓		✓		✓		
17	NB	Cloudy	72hm	✓		✓		✓		✓		
18	NB	Rain	72hm	✓		✓		✓		✓		
19	KM	Cloudy	72hm	✓		✓		✓		✓		
20	KM	Cloudy	72hm	✓		✓		✓		✓		
21	PD	Cloudy	65IS	✓		✓		✓		✓		
22	MH	Fog	61IS	✓		✓		✓		✓		
23	MH	Rain	60SD	✓		✓		✓		✓		
24	KM	Cloudy	N/A	✓		✓		✓		✓		
25	KM	Cloudy	72IS	✓		✓		✓		✓		
26	KM	Cloudy	72hm	✓		✓		✓		✓		
27	KM	Cloudy	72hm	✓		✓		✓		✓		
28	MH	Rain	N/A	✓		✓		✓		✓		
29	MH	Cloudy	72hm	✓		✓		✓		✓		
30	MH	Cloudy	72hm	✓		✓		✓		✓		
31	KM	Rain	N/A	✓		✓		✓		✓		

MANAGER SIGNATURE: [signature] **DATE:** 3-31-08

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF March 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Water Around Dock Free of Floating Solids & Oily Sheen? YES	NO	Dock Surface Free of Excessive Product Spillage ? YES	NO	Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
1	NB	Cloudy	N/A	✓		✓		✓		✓		
2	NB	Cloudy	N/A	✓		✓		✓		✓		
3	NB	Cloudy	12IS	✓		✓		✓		✓		
4	NG	Cloudy	N/A	✓		✓		✓		✓		
5	KM	Fog	N/A	✓		✓		✓		✓		
6	KM	Cloudy	G1I1	✓		✓		✓		✓		
7	NB	Cloudy	N/A	✓		✓		✓		✓		
8	NB	Cloudy	2Hrn	✓		✓		✓		✓		
9	KM	Cloudy	PSTD	✓		✓		✓		✓		
10	KM	Cloudy	7Hrn	✓		✓		✓		✓		
11	NG	Rain	N/A	✓		✓		✓		✓		
12	NG	Cloudy	N/A	✓		✓		✓		✓		
13	KM	Rain	N/A	✓		✓		✓		✓		
14	NB	Rain	N/A	✓		✓		✓		✓		
15	NB	Cloudy	7Hrn	✓		✓		✓		✓		

Routing: Please check box when reviewed
- ☐ 2. Terminal Manager
- ☐ 3. Assistant

Distribution:
- ☐ Original to File
- ☐ Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF February 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
1	NG	Cloudy	N/A	✓		✓		✓		✓		
2	NG	Snow	N/A	✓		✓		✓		✓		
3	NG	Cloudy	N/A	✓		✓		✓		✓		
4	NG	Cloudy	N/A	✓		✓		✓		✓		
5	MB	Rain	7Lm	✓		✓		✓		✓		
6	KM	Cloudy	RSTD	✓		✓		✓		✓		
7	KM	Rain	RSTD	✓		✓		✓		✓		
8	MB	Rain	7Lm	✓		✓		✓		✓		
9	MB	Cloudy	7Lm	✓		✓		✓		✓		
10	KM	Cloudy	7Lm	✓		✓		✓		✓		
11	KM	Cloudy	N/A	✓		✓		✓		✓		
12	KM	Fog	7DIS	✓		✓		✓		✓		
13	KM	Cloudy	7DIS	✓		✓		✓		✓		
14	KM	Cloudy	RSTD	✓		✓		✓		✓		
15	NG	Cloudy	7Lm	✓		✓		✓		✓		

Routing:	Please check box when reviewed
☐	2. Terminal Manager
☐	3. Assistant

	Distribution:
☐	Original to File
☐	Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF February 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Water Around Dock Free of Floating Solids & Oily Sheen? YES	NO	Dock Surface Free of Excessive Product Spillage ? YES	NO	Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
16	KM	Fog	RSTD	✓		✓		✓		✓		
17	NG	Cloudy	N/A	✓		✓		✓		✓		
18	NG	Clear	42IS	✓		✓		✓		✓		
19	NG	Clear	7Hrn	✓		✓		✓		✓		
20	KM	pCloudy	N/A	✓		✓		✓		✓		
21	KM	pCloudy	7Hrn	✓		✓		✓		✓		
22	NG	Cloudy	N/A	✓		✓		✓		✓		
23	NG	Clear	7Hrn	✓		✓		✓		✓		
24	NG	Clear	N/A	✓		✓		✓		✓		
25	NG	Cloudy	7Hrn	✓		✓		✓		✓		
26	NG	Fog	N/A	✓		✓		✓		✓		
27	KM	pCloudy	N/A	✓		✓		✓		✓		
28	KM	pCloudy	7Hrn	✓		✓		✓		✓		
29	NG	Cloudy	7Hrn	✓		✓		✓		✓		
30												
31												

MANAGER SIGNATURE: [signature] **DATE:** 3/3/08

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF January 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Water Around Dock Free of Floating Solids & Oily Sheen? YES	NO	Dock Surface Free of Excessive Product Spillage ? YES	NO	Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
16	KM	Fog	N/A	✓		✓		✓		✓		
17	KM	Fog	7Grn	✓		✓		✓		✓		
18	NG	Cloudy	7Grn	✓		✓		✓		✓		
19	NG	Cloudy	7Grn	✓		✓		✓		✓		
20	NG	Cloudy	N/A	✓		✓		✓		✓		
21	KM	Clear	7Grn	✓		✓		✓		✓		
22	NG	Clear	7Grn	✓		✓		✓		✓		
23	KM	Clear	7Grn	✓		✓		✓		✓		
24	KM	Clear	7Grn	✓		✓		✓		✓		
25	NG	Clear	N/A	✓		✓		✓		✓		
26	NG	Cloudy	N/A	✓		✓		✓		✓		
27	NG	Fog	7Grn	✓		✓		✓		✓		
28	NG	Cloudy	7Grn	✓		✓		✓		✓		
29	NG	Rain	N/A	✓		✓		✓		✓		
30	KM	Rain	7Grn	✓		✓		✓		✓		
31	KM	Rain	7Grn	✓		✓		✓		✓		

MANAGER SIGNATURE: Steve Ellis **DATE:** 1/31/08

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF January 2008

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
1	KM	Cloudy	N/A	✓		✓		✓		✓		
2	KM	Rain	N/A	✓		✓		✓		✓		
3	KM	Rain	RFSS	✓		✓		✓		✓		
4	PD	Rain	CGRN	✓		✓		✓		✓		
5	NG	Rain	N/A	✓		✓		✓		✓		
6	NG	Rain	N/A	✓		✓		✓		✓		
7	KM	Cloudy	7Grn	✓		✓		✓		✓		
8	KM	Rain	7Grn	✓		✓		✓		✓		
9	KM	Cloudy	7Grn	✓		✓		✓		✓		
10	KM	Rain	7Grn	✓		✓		✓		✓		
11	NG	Cloudy	N/A	✓		✓		✓		✓		
12	MB	Cloudy	7Grn	✓		✓		✓		✓		
13	KM	Fog	GSIS	✓		✓		✓		✓		
14	KM	Fog	7Grn	✓		✓		✓		✓		
15	KM	Cloudy	7Grn	✓		✓		✓		✓		

Routing: *Please check box when reviewed*
- ☐ 2. Terminal Manager
- ☐ 3. Assistant

Distribution:
- ☐ Original to File
- ☐ Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF December 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
1	MB	Snow	7Gm	✓		✓		✓		✓		
2	KM	Rain	7Gm	✓		✓		✓		✓		
3	KM	Rain	N/A	✓		✓		✓		✓		
4	KM	Rain	7Gm	✓		✓		✓		✓		
5	KM	Fog	7Gm	✓		✓		✓		✓		
6	KM	Rain	72I5	✓		✓		✓		✓		
7	MB	Cloudy	7Gm	✓		✓		✓		✓		
8	MB	Clear	7Gm	✓		✓		✓		✓		
9	KM	Fog	7Gm	✓		✓		✓		✓		
10	KM	Cloudy	72I5	✓		✓		✓		✓		
11	KM	Clear	7Gm	✓		✓		✓		✓		
12	KM	Clear	7Gm	✓		✓		✓		✓		
13	KM	Fog	7Gm	✓		✓		✓		✓		
14	MB	Cloudy	7Gm	✓		✓		✓		✓		
15	MB	Cloudy	7Gm	✓		✓		✓		✓		

Routing:	Please check box when reviewed
☐	2. Terminal Manager
☐	3. Assistant

	Distribution:
☐	Original to File
☐	Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF December 2007

1

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
16	KM	Cloudy	7Grn	✓		✓		✓		✓		
17	KM	Rain	7Grn	✓		✓		✓		✓		
18	KM	Rain	LOSTD	✓		✓		✓		✓		
19	KM	Rain	LOSTD	✓		✓		✓		✓		
20	KM	Rain	7Grn	✓		✓		✓		✓		
21	KM	Cloudy	7Grn	✓		✓		✓		✓		
22	NG	Cloudy	BLI1	✓		✓		✓		✓		
23	NG	Rain	N/A	✓		✓		✓		✓		
24	NG	Cloudy	7Grn	✓		✓		✓		✓		
25	KM	Cloudy	N/A	✓		✓		✓		✓		
26	KM	Rain	N/A	✓		✓		✓		✓		
27	KM	Rain	72IS	✓		✓		✓		✓		
28	NG	Cloudy	7Grn	✓		✓		✓		✓		
29	NG	Cloudy	7Grn	✓		✓		✓		✓		
30	NG	Rain	7Grn	✓		✓		✓		✓		
31	KM	PCloudy	7Grn	✓		✓		✓		✓		

MANAGER SIGNATURE: [signature] **DATE:** 1/3/08

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF November 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
16	NG	Rain	N/A	✓		✓		✓		✓		
17	MB	Cloudy	G1I1	✓		✓		✓		✓		
18	KM	Rain	G1I1	✓		✓		✓		✓		
19	KM	Rain	F2I5	✓		✓		✓		✓		
20	NG	Cloudy	7Jun	✓		✓		✓		✓		
21	KM	Clear	N/A	✓		✓		✓		✓		
22	KM	Clear	N/A	✓		✓		✓		✓		
23	NG	Clear	N/A	✓		✓		✓		✓		
24	NG	Cloudy	7Jun	✓		✓		✓		✓		
25	NG	Fog	N/A	✓		✓		✓		✓		
26	NG	Cloudy	N/A	✓		✓		✓		✓		
27	NG	pCloudy	7Jun	✓		✓		✓		✓		
28	KM	Cloudy	7Jun	✓		✓		✓		✓		
29	KM	Rain	7Jun	✓		✓		✓		✓		
30	NG	Cloudy	7Jun	✓		✓		✓		✓		
31												

MANAGER SIGNATURE: [signature] **DATE:** 12/3/07

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF November 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
1	KM	Clear	N/A	✓		✓		✓		✓		
2	KM	Clear	N/A	✓		✓		✓		✓		
3	MB	Clear	72I5	✓		✓		✓		✓		
4	KM	Cloudy	72I5	✓		✓		✓		✓		
5	NG	Cloudy	N/A	✓		✓		✓		✓		
6	KM	Fog	N/A	✓		✓		✓		✓		
7	KM	Fog	7Hm	✓		✓		✓		✓		
8	KM	Fog	7Hm	✓		✓		✓		✓		
9	NG	Cloudy	N/A	✓		✓		✓		✓		
10	NG	PCloudy	N/A	✓		✓		✓		✓		
11	NG	PCloudy	N/A	✓		✓		✓		✓		
12	NG	Rain	N/A	✓		✓		✓		✓		
13	KM	PCloudy	N/A	✓		✓		✓		✓		
14	KM	Clear	7Hm	✓		✓		✓		✓		
15	KM	PCloudy	7Hm	✓		✓		✓		✓		

Routing:	Please check box when reviewed
☐	2. Terminal Manager
☐	3. Assistant

	Distribution:
☐	Original to File
☐	Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF October 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
1	NG	Rain	N/A	✓		✓		✓		✓		
2	NG	Cloudy	N/A	✓		✓		✓		✓		
3	KM	Cloudy	N/A	✓		✓		✓		✓		
4	KM	Cloudy	N/A	✓		✓		✓		✓		
5	NG	Cloudy	N/A	✓		✓		✓		✓		
6	NG	Cloudy	N/A	✓		✓		✓		✓		
7	NG	pCloudy	N/A	✓		✓		✓		✓		
8	KM	Cloudy	7Gm	✓		✓		✓		✓		
9	KM	pCloudy	7Gm	✓		✓		✓		✓		
10	KM	Cloudy	7Gm	✓		✓		✓		✓		
11	KM	Cloudy	7Gm	✓		✓		✓		✓		
12	NG	Cloudy	N/A	✓		✓		✓		✓		
13	PO	Cloudy	N/A	✓		✓		✓		✓		
14	KM	Fog	LOSTD	✓		✓		✓		✓		
15	NG	Cloudy	7Gm	✓		✓		✓		✓		

Routing:	Please check box when reviewed
☐	2. Terminal Manager
☐	3. Assistant

	Distribution:
☐	Original to File
☐	Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF October 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
16	KM	Cloudy	N/A	✓		✓		✓		✓		
17	KM	Cloudy	7/hm	✓		✓		✓		✓		
18	KM	Rain	7/hm	✓		✓		✓		✓		
19	NG	Rain	N/A	✓		✓		✓		✓		
20	NG	Showers	N/A	✓		✓		✓		✓		
21	KM	Cloudy	7/hm	✓		✓		✓		✓		
22	KM	Cloudy	N/A	✓		✓		✓		✓		
23	KM	Cloudy	7/hm	✓		✓		✓		✓		
24	KM	Cloudy	N/A	✓		✓		✓		✓		
25	KM	Fog	7/hm	✓		✓		✓		✓		
26	KM	Clear	N/A	✓		✓		✓		✓		
27	MB	Clear	7/hm	✓		✓		✓		✓		
28	MB	Clear	7/hm	✓		✓		✓		✓		
29	KM	pCloudy	N/A	✓		✓		✓		✓		
30	KM	pCloudy	7/hm	✓		✓		✓		✓		
31	KM	Fog	7/hm	✓		✓		✓		✓		

MANAGER SIGNATURE: [signature] **DATE:** 10/31/07

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF September 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
16	NG	Cloudy	N/A	✓		✓		✓		✓		
17	NG	Cloudy	N/A	✓		✓		✓		✓		
18	NG	pCloudy	N/A	✓		✓		✓		✓		
19	KM	Cloudy	GSIS	✓		✓		✓		✓		
20	KM	pCloudy	5Jm	✓		✓		✓		✓		
21	NG	Cloudy	7Jm	✓		✓		✓		✓		
22	NG	pCloudy	N/A	✓		✓		✓		✓		
23	NG	pCloudy	PJm	✓		✓		✓		✓		
24	NG	pCloudy	N/A	✓		✓		✓		✓		
25	NG	Clear	PJm	✓		✓		✓		✓		
26	KM	pCloudy	N/A	✓		✓		✓		✓		
27	PD	Cloudy	GIJ	✓		✓		✓		✓		
28	NG	pCloudy	N/A	✓		✓		✓		✓		
29	NG	Cloudy	N/A	✓		✓		✓		✓		
30	NG	Rain	N/A	✓		✓		✓		✓		
31												

MANAGER SIGNATURE: Jerre Ellis **DATE:** 10/2/07

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF September 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Water Around Dock Free of Floating Solids & Oily Sheen? YES	NO	Dock Surface Free of Excessive Product Spillage ? YES	NO	Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
1	NG	Clear	N/A	✓		✓		✓		✓		
2	NG	Clear	7 Grn	✓		✓		✓		✓		
3	NG	Clear	7 Grn	✓		✓		✓		✓		
4	NG	P Cloudy	N/A	✓		✓		✓		✓		
5	KM	P Cloudy	N/A	✓		✓		✓		✓		
6	KM	P Cloudy	N/A	✓		✓		✓		✓		
7	NG	Cloudy	N/A	✓		✓		✓		✓		
8	KM	Clear	N/A	✓		✓		✓		✓		
9	MB	Clear	N/A	✓		✓		✓		✓		
10	KM	Clear	N/A	✓		✓		✓		✓		
11	NG	Clear	WSTD	✓		✓		✓		✓		
12	KM	P Cloudy	N/A	✓		✓		✓		✓		
13	KM	P Cloudy	7 Grn	✓		✓		✓		✓		
14	NG	Cloudy	7 Grn	✓		✓		✓		✓		
15	NG	Cloudy	N/A	✓		✓		✓		✓		

Routing:	Please check box when reviewed
☐	2. Terminal Manager
☐	3. Assistant

	Distribution:
☐	Original to File
☐	Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF August 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen? YES	NO	Water Around Dock Free of Floating Solids & Oily Sheen? YES	NO	Dock Surface Free of Excessive Product Spillage ? YES	NO	Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
1	KM	Clear	N/A	✓		✓		✓		✓		
2	KM	Clear	N/A	✓		✓		✓		✓		
3	NG	PClarly	N/A	✓		✓		✓		✓		
4	MB	PCloudy	7Gm	✓		✓		✓		✓		
5	MB	Clarly	N/A	✓		✓		✓		✓		
6	KM	Clarly	G1I1	✓		✓		✓		✓		
7	KM	Clarly	N/A	✓		✓		✓		✓		
8	KM	PClarly	N/A	✓		✓		✓		✓		
9	KM	PClarly	N/A	✓		✓		✓		✓		
10	NG	Clarly	N/A	✓		✓		✓		✓		
11	NG	PClarly	N/A	✓		✓		✓		✓		
12	NG	PClarly	N/A	✓		✓		✓		✓		
13	KM	Clarly	N/A	✓		✓		✓		✓		
14	NG	Clear	N/A	✓		✓		✓		✓		
15	KM	Clear	72I5	✓		✓		✓		✓		

Routing:	Please check box when reviewed 2. Terminal Manager 3. Assistant

	Distribution: Original to File Copy to Stormwater Report File

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF August 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
16	KM	Cloudy	G1I1	✓		✓		✓		✓		
17	NG	Clear	N/A	✓		✓		✓		✓		
18	NG	Cloudy	7Sun	✓		✓		✓		✓		
19	NG	Cloudy	7Sun	✓		✓		✓		✓		
20	NG	Rain	N/A	✓		✓		✓		✓		
21	NG	Cloudy	N/A	✓		✓		✓		✓		
22	KM	Cloudy	N/A	✓		✓		✓		✓		
23	KM	Clear	N/A	✓		✓		✓		✓		
24	NG	Cloudy	N/A	✓		✓		✓		✓		
25	NG	Cloudy	N/A	✓		✓		✓		✓		
26	NG	Cloudy	N/A	✓		✓		✓		✓		
27	NG	Clear	N/A	✓		✓		✓		✓		
28	NG	Clear	7Sun	✓		✓		✓		✓		
29	KM	Clear	7Sun	✓		✓		✓		✓		
30	KM	Clear	7Sun	✓		✓		✓		✓		
31	NG	Clear	N/A	✓		✓		✓		✓		

MANAGER SIGNATURE: Steve Ellis **DATE:** 9/5/07

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF July 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
16	KM	Clear	N/A	✓		✓		✓		✓		
17	KM	Rain	N/A	✓		✓		✓		✓		
18	KM	Cloudy	N/A	✓		✓		✓		✓		
19	KM	Cloudy	N/A	✓		✓		✓		✓		
20	NG	Cloudy	N/A	✓		✓		✓		✓		
21	NG	Cloudy	7215	✓		✓		✓		✓		
22	NG	Cloudy	7Gm	✓		✓		✓		✓		
23	KM	Cloudy	N/A	✓		✓		✓		✓		
24	KM	Clear	7Gm	✓		✓		✓		✓		
25	KM	Clear	7Gm	✓		✓		✓		✓		
26	KM	pCloudy	7Gm	✓		✓		✓		✓		
27	NG	Clear	7Gm	✓		✓		✓		✓		
28	NG	Cloudy	7Gm	✓		✓		✓		✓		
29	NG	Cloudy	7Gm	✓		✓		✓		✓		
30	KM	Clear	N/A	✓		✓		✓		✓		
31	KM	Clear	N/A	✓		✓		✓		✓		

MANAGER SIGNATURE: [signature] **DATE:** 7/31/07

PORTLAND BULK TERMINAL 5
DAILY WATER POLLUTION CONTROL CHECKLIST & LOG

MONTH OF July 2007

INSTRUCTIONS: Complete this log each day. On the last day of each month, forward as shown on the "Routing" list.

Date	Initials	Weather	Product Handled	Ditches Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Pond Clear of Debris, Blockage, Floating Solids & Oily Sheen?		Water Around Dock Free of Floating Solids & Oily Sheen?		Dock Surface Free of Excessive Product Spillage ?		Comments Describe any corrections taken and the date of completion (Attach separate sheet if required)
				YES	NO	YES	NO	YES	NO	YES	NO	
1	MB	pCloudy	7Grn	✓		✓		✓		✓		
2	KM	pCloudy	N/A	✓		✓		✓		✓		
3	KM	Clear	N/A	✓		✓		✓		✓		
4	KM	Clear	7Grn	✓		✓		✓		✓		
5	KM	Clear	7Grn	✓		✓		✓		✓		
6	MB	Clear	7Grn	✓		✓		✓		✓		
7	MB	partly cloudy	F2I5	✓		✓		✓		✓		
8	MB	cloudy	RS26	✓		✓		✓		✓		
9	KM	clear	N/A	✓		✓		✓		✓		
10	KM	Clear	F2I5	✓		✓		✓		✓		
11	KM	Clear	F2 I5	✓		✓		✓		✓		
12	KM	partly Cloudy	N/A	✓		✓		✓		✓		
13	MB	cloudy	N/A	✓		✓		✓		✓		
14	DW	pCloudy	N/A	✓		✓		✓		✓		
15	DW	Cloudy	N/A	✓		✓		✓		✓		

Routing:	Please check box when reviewed 2. Terminal Manager 3. Assistant

	Distribution: Original to File Copy to Stormwater Report File

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - http://www.ncdc.noaa.gov.

Climate Summary

```
000
CXUS56 KPQR 011513
CLMPDX

JUNE CLIMATOLOGICAL REPORT FOR PORTLAND OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
809 AM PDT TUE JUL  1 2008


TEMPERATURE DATA.....
(DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 61.8 OR  -0.9 DEGREES BELOW NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 71.8
AVERAGE MINIMUM TEMPERATURE.... 51.9
HIGHEST TEMPERATURE WAS........  100 ON DAY 28
LOWEST  TEMPERATURE WAS........   46 ON DAY 10

HEATING DEGREES DAYS..        (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   147   MONTHLY TOTAL..............    58
DEPARTURE FROM NORMAL....    51    DEPARTURE FROM NORMAL.....    15
SEASONAL TOTAL (JUL-JUN).  4665   SEASONAL TOTAL (JAN-DEC)...    98
DEPARTURE FROM NORMAL....   265    DEPARTURE FROM NORMAL.....    40

PRECIPITATION DATA....        ..RAIN..
TOTAL FOR THE MONTH.........  1.01 OR -0.58 INCHES BELOW NORMAL
TOTAL SINCE JANUARY 1ST...... 15.74 OR -3.83 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL....  0.77 ON  2- 3

..SNOW..
TOTAL FOR THE MONTH.........    0.0
TOTAL FOR THE SEASON........    0.0
GREATEST 24 HOUR SNOWFALL...      0

..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE...  10   HIGHS 32 DEGREES OR COLDER...   0
WITH  .10 INCHES OR MORE...   1   HIGHS 90 DEGREES OR WARMER...   1
WITH  .50 INCHES OR MORE...   1   LOWS  32 DEGREES OR COLDER...   0
WITH 1.00 INCHES OR MORE...   0   LOWS   0 DEGREES OR COLDER...   0

SKY CONDITION.........             SEA LEVEL PRESSURE (INCHES).....
NUMBER OF DAYS  CLEAR......   4     HIGHEST 30.33 ON 18
```

NUMBER OF DAYS PTCLDY..... 18 LOWEST 29.80 ON 28
NUMBER OF DAYS CLOUDY..... 8

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 6.4 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 28 MPH FROM 270 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 39 MPH FROM 230 DEGREES

REMARKS.....
RECORD RAINFALL ON THE 3RD OF 0.71 INCHES. OLD RECORD 0.70 IN 1997
RECORD HIGH TEMP ON THE 28TH OF 100 DEGREES. OLD RECORD 96 IN 2003

VISIT HTTP://WEATHER.GOV/PORTLAND

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - http://www.ncdc.noaa.gov.

Climate Summary

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000
CXUS56 KPQR 011454
CLMPDX

MAY CLIMATOLOGICAL REPORT FOR PORTLAND OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
736 AM PDT SUN JUN  1 2008


TEMPERATURE DATA.....
(DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 58.9 OR   1.8 DEGREES ABOVE NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 67.5
AVERAGE MINIMUM TEMPERATURE.... 50.3
HIGHEST TEMPERATURE WAS........   95 ON DAY 17
LOWEST  TEMPERATURE WAS........   39 ON DAY 4

HEATING DEGREES DAYS..        (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   223   MONTHLY TOTAL..............    40
DEPARTURE FROM NORMAL....   -20    DEPARTURE FROM NORMAL.....    26
SEASONAL TOTAL (JUL-JUN).  4518   SEASONAL TOTAL (JAN-DEC)...    40
DEPARTURE FROM NORMAL....   214    DEPARTURE FROM NORMAL.....    25

PRECIPITATION DATA....        ..RAIN..
TOTAL FOR THE MONTH..........  2.03 OR -0.35 INCHES BELOW NORMAL
TOTAL SINCE JANUARY 1ST...... 14.73 OR -3.25 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL....  1.17 ON 24-25

..SNOW..
TOTAL FOR THE MONTH.........    0.0
TOTAL FOR THE SEASON........    0.0
GREATEST 24 HOUR SNOWFALL...      0

..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE...  15   HIGHS 32 DEGREES OR COLDER...   0
WITH  .10 INCHES OR MORE...   5   HIGHS 90 DEGREES OR WARMER...   2
WITH  .50 INCHES OR MORE...   1   LOWS  32 DEGREES OR COLDER...   0
WITH 1.00 INCHES OR MORE...   0   LOWS   0 DEGREES OR COLDER...   0

SKY CONDITION.........              SEA LEVEL PRESSURE (INCHES).....
NUMBER OF DAYS  CLEAR......   1     HIGHEST 30.45 ON 14
```

NUMBER OF DAYS PTCLDY..... 11 LOWEST 29.68 ON 23
NUMBER OF DAYS CLOUDY..... 19

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 5.6 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 23 MPH FROM 300 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 29 MPH FROM 310 DEGREES

REMARKS.....
ALL RECORDS ARE FOR THE PORTLAND INTL AIRPORT SITE. RECORDS AT THIS SITE BEGAN IN OCTOBER 1940.
...16TH...RECORD HIGH TEMPERATURE OF 92 DEGREES. OLD RECORD WAS 88 IN 1985.
...17TH...RECORD HIGH TEMPERATURE OF 95 DEGREES. OLD RECORD WAS 89 IN 1958.
...24TH...RECORD RAINFALL OF 0.96 INCHES. OLD RECORD 0.87 IN 1998.

VISIT HTTP://WEATHER.GOV/PORTLAND

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Climate Summary

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000
CXUS56 KPQR 011502
CLMPDX

APRIL CLIMATOLOGICAL REPORT FOR PORTLAND OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
745 AM PDT THU MAY  1 2008


TEMPERATURE DATA.....
(DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 48.5 OR  -2.7 DEGREES BELOW NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 56.7
AVERAGE MINIMUM TEMPERATURE.... 40.3
HIGHEST TEMPERATURE WAS........   78 ON DAY 12
LOWEST  TEMPERATURE WAS........   31 ON DAY 1

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   490   MONTHLY TOTAL..............     0
DEPARTURE FROM NORMAL....    90    DEPARTURE FROM NORMAL.....    -1
SEASONAL TOTAL (JUL-JUN).  4295   SEASONAL TOTAL (JAN-DEC)...     0
DEPARTURE FROM NORMAL....   234    DEPARTURE FROM NORMAL.....    -1

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH..........  2.09 OR -0.55 INCHES BELOW NORMAL
TOTAL SINCE JANUARY 1ST...... 12.70 OR -2.90 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL....  0.62 ON 22-22

..SNOW..
TOTAL FOR THE MONTH.........    0.0
TOTAL FOR THE SEASON........    0.0
GREATEST 24 HOUR SNOWFALL...      0

..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE...  21   HIGHS 32 DEGREES OR COLDER...   0
WITH  .10 INCHES OR MORE...   8   HIGHS 90 DEGREES OR WARMER...   0
WITH  .50 INCHES OR MORE...   1   LOWS  32 DEGREES OR COLDER...   1
WITH 1.00 INCHES OR MORE...   0   LOWS   0 DEGREES OR COLDER...   0

SKY CONDITION.........              SEA LEVEL PRESSURE (INCHES).....
NUMBER OF DAYS  CLEAR......   4     HIGHEST 30.51 ON 11
```

NUMBER OF DAYS PTCLDY..... 9 LOWEST 29.71 ON 22
NUMBER OF DAYS CLOUDY..... 17

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 6.6 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 30 MPH FROM 200 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 43 MPH FROM 170 DEGREES

REMARKS.....
ALL RECORDS ARE FOR THE PORTLAND INTL AIRPORT SITE. RECORDS AT THIS SITE BEGAN IN OCTOBER 1940.
2ND...RECORD LOW OF 35 DEGREES TIED RECORD FROM 1997.

VISIT HTTP://WEATHER.GOV/PORTLAND

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Climate Summary

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000
CXUS56 KPQR 011535
CLMPDX

MARCH CLIMATOLOGICAL REPORT FOR PORTLAND OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
834 AM PDT TUE APR  1 2008


TEMPERATURE DATA.....
(DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 45.4 OR  -1.8 DEGREES BELOW NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 52.9
AVERAGE MINIMUM TEMPERATURE.... 37.9
HIGHEST TEMPERATURE WAS........   65 ON DAY 10
LOWEST  TEMPERATURE WAS........   32 ON DAY 22

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   598   MONTHLY TOTAL..............     0
DEPARTURE FROM NORMAL....    62    DEPARTURE FROM NORMAL.....     0
SEASONAL TOTAL (JUL-JUN).  3805   SEASONAL TOTAL (JAN-DEC)...     0
DEPARTURE FROM NORMAL....   144    DEPARTURE FROM NORMAL.....     0

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH..........  3.71 OR  NORMAL
TOTAL SINCE JANUARY 1ST...... 10.61 OR -2.35 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL....  0.59 ON  DAY 7-8

..SNOW..
TOTAL FOR THE MONTH.........    0.0
TOTAL FOR THE SEASON........    0.0
GREATEST 24 HOUR SNOWFALL...      0

..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE...  24   HIGHS 32 DEGREES OR COLDER...   0
WITH  .10 INCHES OR MORE...  13   HIGHS 90 DEGREES OR WARMER...   0
WITH  .50 INCHES OR MORE...   1   LOWS  32 DEGREES OR COLDER...   1
WITH 1.00 INCHES OR MORE...   0   LOWS   0 DEGREES OR COLDER...   0

SKY CONDITION.........              SEA LEVEL PRESSURE (INCHES).....
NUMBER OF DAYS  CLEAR......   0     HIGHEST 30.64 ON  2
```

NUMBER OF DAYS PTCLDY..... 16 LOWEST 29.79 ON 28
NUMBER OF DAYS CLOUDY..... 15

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 6.8 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 29 MPH FROM 260 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 38 MPH FROM 230 DEGREES

REMARKS.....
NONE

VISIT HTTP://WEATHER.GOV/PORTLAND

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Climate Summary

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000
CXUS56 KPQR 011524 CCA
CLMPDX

FEBRUARY CLIMATOLOGICAL REPORT FOR PORTLAND OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
720 AM PST SAT MAR 1 2008

TEMPERATURE DATA.....
                                (DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 44.9  OR 1.8 DEGREES ABOVE NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 52.4
AVERAGE MINIMUM TEMPERATURE.... 37.3
HIGHEST TEMPERATURE WAS........   63  ON DAY 28 AND 29
LOWEST  TEMPERATURE WAS........   29  ON DAY 17

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   578       MONTHLY TOTAL...........     0
DEPARTURE FROM NORMAL....   -27       DEPARTURE FROM NORMAL...     0
SEASONAL TOTAL (JUL-JUN).  3207       SEASONAL TOTAL (JAN-DEC)     0
DEPARTURE FROM NORMAL....    62       DEPARTURE FROM NORMAL...     0

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH..........  2.19  OR 1.99 INCHES BELOW NORMAL
TOTAL SINCE JANUARY 1ST......  6.90  OR 2.35 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL WAS  0.76  ON DAY 6-7

                               ..SNOW..
TOTAL FOR THE MONTH.........   T
TOTAL FOR THE SEASON........   M
GREATEST 24 HOUR SNOWFALL...   T

                           ..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE   15        HIGHS 32 DEGREES OR COLDER   0
WITH  .10 INCHES OR MORE    6        HIGHS 90 DEGREES OR WARMER   0
WITH  .50 INCHES OR MORE    2        LOWS  32 DEGREES OR COLDER   6
WITH 1.00 INCHES OR MORE    0        LOWS   0 DEGREES OR COLDER   0

SKY CONDITION.........              SEA LEVEL PRESSURE............
NUMBER OF DAYS  CLEAR...    1      HIGHEST 30.44 INCHES ON DAY 26
NUMBER OF DAYS  PTCLDY..   14      LOWEST  29.37 INCHES ON DAY  2
```

NUMBER OF DAYS CLOUDY.. 14

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 6.4 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 32 MPH FROM 180 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 44 MPH FROM 170 DEGREES

REMARKS.....
ALL RECORDS ARE FOR THE PORTLAND INTL AIRPORT SITE. RECORDS AT THIS SITE BEGAN IN OCTOBER 1940.

OUR WEB PAGE- HTTP://WEATHER.GOV/PORTLAND

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Climate Summary

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000
CXUS56 KPQR 012134 CCA
CLMPDX

JANUARY CLIMATOLOGICAL REPORT FOR PORTLAND OREGON...CORRECTED
NATIONAL WEATHER SERVICE PORTLAND OREGON
120 PM PST FRI FEB 1 2008

TEMPERATURE DATA.....
                                (DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 38.8  OR 1.1 DEGREES BELOW NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 43.9
AVERAGE MINIMUM TEMPERATURE.... 33.6
HIGHEST TEMPERATURE WAS........   55  ON DAY 4
LOWEST  TEMPERATURE WAS........   23  ON DAY 22

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   805       MONTHLY TOTAL...........     0
DEPARTURE FROM NORMAL....    40       DEPARTURE FROM NORMAL...     0
SEASONAL TOTAL (JUL-JUN).  2629       SEASONAL TOTAL (JAN-DEC)     0
DEPARTURE FROM NORMAL....   109       DEPARTURE FROM NORMAL...     0

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH..........  4.71  OR 0.36 INCHES BELOW NORMAL
TOTAL SINCE JANUARY 1ST......  4.71  OR 0.36 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL WAS  0.65  ON DAY 26-27

                               ..SNOW..
TOTAL FOR THE MONTH.........   T
TOTAL FOR THE SEASON........   T
GREATEST 24 HOUR SNOWFALL...   T

                           ..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE   19        HIGHS 32 DEGREES OR COLDER   0
WITH  .10 INCHES OR MORE   13        HIGHS 90 DEGREES OR WARMER   0
WITH  .50 INCHES OR MORE    4        LOWS  32 DEGREES OR COLDER   9
WITH 1.00 INCHES OR MORE    0        LOWS   0 DEGREES OR COLDER   0

SKY CONDITION.........              SEA LEVEL PRESSURE............
NUMBER OF DAYS  CLEAR...    4      HIGHEST 30.63 INCHES ON DAY 16
NUMBER OF DAYS  PTCLDY..    6      LOWEST  28.83 INCHES ON DAY  4
```

NUMBER OF DAYS CLOUDY.. 21

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 9.8 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 31 MPH FROM 100 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 48 MPH FROM 180 DEGREES

REMARKS.....
ALL RECORDS ARE FOR THE PORTLAND INTL AIRPORT SITE. RECORDS AT THIS SITE BEGAN IN OCTOBER 1940.

OUR WEB PAGE- HTTP://WEATHER.GOV/PORTLAND

Warning: ini_set() has been disabled for security reasons in **/mnt/www/www/html/climate/config.php** on line **10**

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Climate Summary

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000
CXUS56 KPQR 020035 CCA
CLMPDX

DECEMBER CLIMATOLOGICAL REPORT FOR PORTLAND OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
435 PM PST TUE JAN 1 2008

TEMPERATURE DATA.....
                              (DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 40.9  OR 0.2 DEGREES ABOVE NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 45.5
AVERAGE MINIMUM TEMPERATURE.... 36.4
HIGHEST TEMPERATURE WAS........   62  ON DAY 4
LOWEST  TEMPERATURE WAS........   27  ON DAY 9

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   740       MONTHLY TOTAL...........     0
DEPARTURE FROM NORMAL....   -16       DEPARTURE FROM NORMAL...     0
SEASONAL TOTAL (JUL-JUN).  1824       SEASONAL TOTAL (JAN-DEC)   400
DEPARTURE FROM NORMAL....    69       DEPARTURE FROM NORMAL...    10

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH..........  7.57  OR 1.86 INCHES ABOVE NORMAL
TOTAL SINCE JANUARY 1ST...... 32.08  OR 4.99 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL WAS  1.76  ON DAY 2-3

                               ..SNOW..
TOTAL FOR THE MONTH.........   T
TOTAL FOR THE SEASON........   T
GREATEST 24 HOUR SNOWFALL...   T

                            ..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE   23        HIGHS 32 DEGREES OR COLDER   0
WITH  .10 INCHES OR MORE   17        HIGHS 90 DEGREES OR WARMER   0
WITH  .50 INCHES OR MORE    3        LOWS  32 DEGREES OR COLDER   6
WITH 1.00 INCHES OR MORE    2        LOWS   0 DEGREES OR COLDER   0
```

SKY CONDITION.....

NUMBER OF DAYS CLEAR... 0
NUMBER OF DAYS PTCLDY.. 10
NUMBER OF DAYS CLOUDY.. 21

SEA LEVEL PRESSURE.....

HIGHEST 30.63 INCHES ON DAY 24
LOWEST 29.53 INCHES ON DAY 18

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 9.7 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 29 MPH FROM 190 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 41 MPH FROM 180 DEGREES

REMARKS.....
ALL RECORDS ARE FOR THE PORTLAND INTL AIRPORT SITE. RECORDS AT THIS SITE BEGAN IN OCTOBER 1940.

OUR WEB PAGE- HTTP://WEATHER.GOV/PORTLAND

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - http://www.ncdc.noaa.gov.

Climate Summary

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000
CXUS56 KPQR 011918 CCA
CLMPDX

NOVEMBER CLIMATOLOGICAL REPORT FOR PORTLAND OREGON...CORRECTED
NATIONAL WEATHER SERVICE PORTLAND OREGON
1110 AM PDT SAT DEC 1 2007

TEMPERATURE DATA.....
                                (DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 44.8  OR 1.0 DEGREES BELOW NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 52.0
AVERAGE MINIMUM TEMPERATURE.... 37.6
HIGHEST TEMPERATURE WAS........   63  ON DAY 4, 17
LOWEST  TEMPERATURE WAS........   27  ON DAY 25

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   600       MONTHLY TOTAL...........     0
DEPARTURE FROM NORMAL....    40       DEPARTURE FROM NORMAL...     0
SEASONAL TOTAL (JUL-JUN).  1084       SEASONAL TOTAL (JAN-DEC)   400
DEPARTURE FROM NORMAL....    85       DEPARTURE FROM NORMAL...    10

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH.........  4.25  OR 1.36 INCHES BELOW NORMAL
TOTAL SINCE JANUARY 1ST...... 24.51  OR 6.85 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL WAS  0.92  ON DAY 16-17

                               ..SNOW..
TOTAL FOR THE MONTH.........   0
TOTAL FOR THE SEASON........   0
GREATEST 24 HOUR SNOWFALL...   0

                           ..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE   14        HIGHS 32 DEGREES OR COLDER   0
WITH  .10 INCHES OR MORE   10        HIGHS 90 DEGREES OR WARMER   0
WITH  .50 INCHES OR MORE    3        LOWS  32 DEGREES OR COLDER   5
WITH 1.00 INCHES OR MORE    0        LOWS   0 DEGREES OR COLDER   0

SKY CONDITION.........              SEA LEVEL PRESSURE............
NUMBER OF DAYS  CLEAR...    3      HIGHEST 30.58 INCHES ON DAY 28
NUMBER OF DAYS  PTCLDY..   13      LOWEST  29.66 INCHES ON DAY 12
```

NUMBER OF DAYS CLOUDY.. 14

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 6.1 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 33 MPH FROM 190 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 46 MPH FROM 190 DEGREES

REMARKS.....
ALL RECORDS ARE FOR THE PORTLAND INTL AIRPORT SITE. RECORDS AT THIS SITE BEGAN IN OCTOBER 1940.

17TH...RECORD HIGH TEMPERATURE OF 63 DEGREES WAS SET AT PORTLAND. THIS BREAKS THE OLD RECORD OF 61 SET IN 1995.

OUR WEB PAGE- HTTP://WEATHER.GOV/PORTLAND

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Climate Summary

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000
CXUS56 KPQR 011846
CLMAST

OCTOBER CLIMATOLOGICAL REPORT FOR ASTORIA OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
1200 PM PDT MON NOV 1 2007

TEMPERATURE DATA.....
                                (DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 51.0 OR 1.6 DEGREE BELOW NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 59.0
AVERAGE MINIMUM TEMPERATURE.... 43.1
HIGHEST TEMPERATURE WAS........   73  ON DAY 23
LOWEST  TEMPERATURE WAS........   31  ON DAY 31, 30

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   424       MONTHLY TOTAL...........     0
DEPARTURE FROM NORMAL....    38       DEPARTURE FROM NORMAL...    -1
SEASONAL TOTAL (JUL-JUN).   856       SEASONAL TOTAL (JAN-DEC)    23
DEPARTURE FROM NORMAL....    -8       DEPARTURE FROM NORMAL...     1

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH..........  7.35  OR 1.74 INCHES ABOVE NORMAL
TOTAL SINCE JANUARY 1ST...... 47.14  OR 0.91 INCHES ABOVE NORMAL
GREATEST 24 HOUR RAINFALL WAS  1.74  ON DAY 2- 3

                               ..SNOW..
TOTAL FOR THE MONTH.........   0
TOTAL FOR THE SEASON........   0
GREATEST 24 HOUR SNOWFALL...   0

                            ..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE   16        HIGHS 32 DEGREES OR COLDER   0
WITH  .10 INCHES OR MORE   12        HIGHS 90 DEGREES OR WARMER   0
WITH  .50 INCHES OR MORE    6        LOWS  32 DEGREES OR COLDER   2
WITH 1.00 INCHES OR MORE    2        LOWS   0 DEGREES OR COLDER   0

SKY CONDITION.........              SEA LEVEL PRESSURE............
NUMBER OF DAYS  CLEAR...   11      HIGHEST 30.50 INCHES ON DAY 25
NUMBER OF DAYS  PTCLDY..   15      LOWEST  29.37 INCHES ON DAY 18
```

NUMBER OF DAYS CLOUDY.. 5

WIND DATA.....
THE AVERAGE MONTHLY WIND SPEED WAS... 6.6 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 40 MPH FROM 200 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 60 MPH FROM 200 DEGREES

REMARKS.....
NONE

VISIT OUR OUR WEB PAGE - HTTP://WEATHER.GOV/PORTLAND (ALL LOWER CASE)

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - http://www.ncdc.noaa.gov.

Climate Summary

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000
CXUS56 KPQR 011604
CLMPDX

SEPTEMBER CLIMATOLOGICAL REPORT FOR PORTLAND OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
900 AM PDT MON OCT 1 2007

TEMPERATURE DATA.....
                                (DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 62.4  OR 1.2 DEGREES BELOW NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 72.8
AVERAGE MINIMUM TEMPERATURE.... 52.0
HIGHEST TEMPERATURE WAS........   93  ON DAY 10
LOWEST  TEMPERATURE WAS........   44  ON DAY 29, 18

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............   116       MONTHLY TOTAL...........    46
DEPARTURE FROM NORMAL....    38       DEPARTURE FROM NORMAL...    -6
SEASONAL TOTAL (JUL-JUN).   123       SEASONAL TOTAL (JAN-DEC)   400
DEPARTURE FROM NORMAL....     3       DEPARTURE FROM NORMAL...    12

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH..........  2.04  OR 0.39 INCHES ABOVE NORMAL
TOTAL SINCE JANUARY 1ST...... 17.00  OR 5.87 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL WAS  1.10  ON DAY 27-28

                               ..SNOW..
TOTAL FOR THE MONTH.........   0
TOTAL FOR THE SEASON........   0
GREATEST 24 HOUR SNOWFALL...   0

                           ..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE    8        HIGHS 32 DEGREES OR COLDER   0
WITH  .10 INCHES OR MORE    3        HIGHS 90 DEGREES OR WARMER   1
WITH  .50 INCHES OR MORE    2        LOWS  32 DEGREES OR COLDER   0
WITH 1.00 INCHES OR MORE    1        LOWS   0 DEGREES OR COLDER   0

SKY CONDITION.........              SEA LEVEL PRESSURE............
NUMBER OF DAYS  CLEAR...    7      HIGHEST 30.29 INCHES ON DAY 24
NUMBER OF DAYS  PTCLDY..   17      LOWEST  29.73 INCHES ON DAY 27
```

NUMBER OF DAYS CLOUDY.. 6

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 5.5 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 26 MPH FROM 080 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 32 MPH FROM 050 DEGREES

REMARKS.....
ALL RECORDS ARE FOR THE PORTLAND INTL AIRPORT SITE. RECORDS AT THIS SITE BEGAN IN OCTOBER 1940.

28TH...RECORD RAINFALL OF 1.08 INCHES. OLD RECORD 0.78 IN 1962.
30TH...RECORD LOW MAXIMUM TEMPERATURE OF 56 DEGREES. TIED OLD RECORD 56 IN 2002.

OUR WEB PAGE- HTTP://WEATHER.GOV/PORTLAND

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - http://www.ncdc.noaa.gov.

Climate Summary

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000
CXUS56 KPQR 011509
CLMPDX

AUGUST CLIMATOLOGICAL REPORT FOR PORTLAND OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
800 AM PDT SAT SEP 1 2007

TEMPERATURE DATA.....
                                (DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 68.3  OR 0.2 DEGREES BELOW NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 78.6
AVERAGE MINIMUM TEMPERATURE.... 58.0
HIGHEST TEMPERATURE WAS........   94  ON DAY 29
LOWEST  TEMPERATURE WAS........   51  ON DAY 11

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............      7       MONTHLY TOTAL...........   114
DEPARTURE FROM NORMAL....    -14       DEPARTURE FROM NORMAL...   -31
SEASONAL TOTAL (JUL-JUN).      7       SEASONAL TOTAL (JAN-DEC)   354
DEPARTURE FROM NORMAL....    -35       DEPARTURE FROM NORMAL...    18

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH..........  0.46  OR 0.47 INCHES BELOW NORMAL
TOTAL SINCE JANUARY 1ST...... 14.96  OR 6.26 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL WAS  0.35  ON DAY 18-19

                               ..SNOW..
TOTAL FOR THE MONTH.........   0
TOTAL FOR THE SEASON........   0
GREATEST 24 HOUR SNOWFALL...   0

                            ..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE    3        HIGHS 32 DEGREES OR COLDER   0
WITH  .10 INCHES OR MORE    2        HIGHS 90 DEGREES OR WARMER   4
WITH  .50 INCHES OR MORE    0        LOWS  32 DEGREES OR COLDER   0
WITH 1.00 INCHES OR MORE    0        LOWS   0 DEGREES OR COLDER   0

SKY CONDITION.........              SEA LEVEL PRESSURE............
NUMBER OF DAYS  CLEAR...   10       HIGHEST 30.16 INCHES ON DAY 10
NUMBER OF DAYS  PTCLDY..   16       LOWEST  29.78 INCHES ON DAY 29
```

NUMBER OF DAYS CLOUDY.. 5

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 5.8 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 24 MPH FROM 330 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 31 MPH FROM 330 DEGREES

REMARKS.....
ALL RECORDS ARE FOR THE PORTLAND INTL AIRPORT SITE. RECORDS AT THIS SITE BEGAN IN OCTOBER 1940.

NO RECORDS TIED OR SET THIS MONTH.

OUR WEB PAGE- HTTP://WEATHER.GOV/PORTLAND

These data are preliminary and have not undergone final quality control by the National Climatic Data Center (NCDC). Therefore, these data are subject to revision. Final and certified climate data can be accessed at the NCDC - http://www.ncdc.noaa.gov.

Climate Summary

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CXUS56 KPQR 271442
CLMPDX

JULY CLIMATOLOGICAL REPORT FOR PORTLAND OREGON
NATIONAL WEATHER SERVICE PORTLAND OREGON
830 AM PDT WED AUG 1 2007

...RETRANSMITTED.

TEMPERATURE DATA.....
                              (DEGREES F)
AVERAGE MONTHLY TEMPERATURE.... 70.7  OR 2.6 DEGREES ABOVE NORMAL
AVERAGE MAXIMUM TEMPERATURE.... 81.5
AVERAGE MINIMUM TEMPERATURE.... 59.9
HIGHEST TEMPERATURE WAS........  102  ON DAY 10
LOWEST  TEMPERATURE WAS........   54  ON DAY 8, 1

HEATING DEGREES DAYS..         (BASE 65)       COOLING DEGREES DAYS
MONTHLY TOTAL............      0       MONTHLY TOTAL...........   184
DEPARTURE FROM NORMAL....    -21       DEPARTURE FROM NORMAL...    51
SEASONAL TOTAL (JUL-JUN).      0       SEASONAL TOTAL (JAN-DEC)   240
DEPARTURE FROM NORMAL....    -21       DEPARTURE FROM NORMAL...    49

PRECIPITATION DATA....         ..RAIN..
TOTAL FOR THE MONTH..........  0.55  OR 0.17 INCHES BELOW NORMAL
TOTAL SINCE JANUARY 1ST...... 14.50  OR 5.79 INCHES BELOW NORMAL
GREATEST 24 HOUR RAINFALL WAS  0.26  ON DAY 18

                               ..SNOW..
TOTAL FOR THE MONTH.........   0
TOTAL FOR THE SEASON........   0
GREATEST 24 HOUR SNOWFALL...   0

                            ..NUMBER OF DAYS..
WITH  .01 INCHES OR MORE    7        HIGHS 32 DEGREES OR COLDER   0
WITH  .10 INCHES OR MORE    3        HIGHS 90 DEGREES OR WARMER   3
WITH  .50 INCHES OR MORE    0        LOWS  32 DEGREES OR COLDER   0
WITH 1.00 INCHES OR MORE    0        LOWS   0 DEGREES OR COLDER   0

SKY CONDITION.........              SEA LEVEL PRESSURE............
```

NUMBER OF DAYS	CLEAR...	10	HIGHEST	30.20	INCHES ON DAY	3
NUMBER OF DAYS	PTCLDY..	16	LOWEST	29.79	INCHES ON DAY	18
NUMBER OF DAYS	CLOUDY..	5				

WIND DATA.....

THE AVERAGE MONTHLY WIND SPEED WAS... 6.5 MPH
THE FASTEST TWO-MINUTE WIND WAS..... 24 MPH FROM 320 DEGREES
THE HIGHEST PEAK WIND GUST WAS..... 36 MPH FROM 280 DEGREES

REMARKS.....
ALL RECORDS ARE FOR THE PORTLAND INTL AIRPORT SITE. RECORDS AT THIS SITE BEGAN IN OCTOBER 1940.

10TH...RECORD HIGH OF 102 DEGREES. PREVIOUS RECORD 98 SET IN 2002.

OUR WEB PAGE- HTTP://WEATHER.GOV/PORTLAND

CITY OF PORTLAND
ENVIRONMENTAL SERVICES
Water Pollution Control Laboratory
6543 N. Burlington Avenue, Bldg. 217, Portland, Oregon 97203 • Dan Saltzman, Commissioner • Dean Marriott, Director

February 28, 2011

Jack Waller
Kinder Morgan Bulk Terminals, Inc
15550 N Lombard Street
Portland, OR 97203

RE: Stormwater Inspection- Kinder Morgan Bulk Terminal 5, Oregon; DEQ File # 101377

Dear Mr. Waller;

The City of Portland (City) conducted an inspection of the Kinder Morgan Bulk T-5 facility on February 26, 2010, to assess the company's compliance with the 1200-Z NPDES Stormwater Permit. Overall, the results of the inspection were satisfactory.

Please note the following in order to protect stormwater quality

- The site map in your current SWPCP does not show where the on-site locomotives are maintained or fueled, as the previous site maps did. The City recommends that the site map be revised to show this location.

- The City strongly recommends that long time on-site contractor employees be included in the site's annual update training so that they are fully aware of the site's requirements for spill response procedures, to protect stormwater quality while operating on site. This would be particularly important for those working on the river dock.

- The City recommends that the small amount of soil erosion seen along the edges of the site's paved conveyance ditches be addressed as soon as possible to prevent further erosion and possible benchmark exceedances. Because of the need to keep seeds out of the material shipped off-site, the City recommends using pea gravel along the edges of the ditches, to slow and distribute the stormwater flows.

- The City recommends continuing to review the area surrounding the sedimentation manhole just prior to the site's monitoring point for sediment loading. As discussed during the inspection, this is at the end of the site's stormwater system. Any sediment build-up found may mean that the site's current BMPs need review and revision to help keep this sediment better controlled.

- The documentation of the permit required preventative maintenance, the visual monitoring, the pH probe calibration, and the annual employee training was reviewed and found to be in good order.

The City appreciates your commitment to helping protect the Willamette River. If you have any questions, please feel free to contact me at 503/823-5537.

Sincerely,

Timothy P. Dean
Permit Manager
City of Portland
Industrial Stormwater Section

copy: Brent McMullin

Kinder Morgan Terminals Inc.
Portland Bulk Terminals, L.L.C.
Terminal 5
15550 N. Lombard Street
Portland, OR 97203
(503)285-4200

21 January 2010

Timothy Dean
City of Portland Environmental Services Industrial Stormwater
6543 Burlington Ave.
Portland, Oregon 97203-5452

Subject: **NPDES 1200-Z Industrial Stormwater Discharge Permit, EPA #ORR807288**

Dear Mr. Dean,

The December 16th 2009 stormwater analysis results revealed an exceedance of permit benchmark for zinc (limit of .6mg/l.). Results from that sample, though taken on 16 December 2009, were not received at the Terminal until Friday 15 January 2010. Zinc levels in the 16 December sample were .642 mg/L. The Terminal sampled again on 31 December. Those results revealed a zinc level of .0863mg/L, well within benchmark limitations.

The SWPCP and SPCC have both been reviewed and we are confident that operations are well within and not deviating from these plans. The terminal continues to work with the Port of Portland in isolating the probable zinc source. During our meeting with the Port of Portland on 20 January, all parties agreed to continue with the following action plan; re-sample at the suspected zinc "impact area" culvert during the next possible rain event, conduct both dissolved solids and isotopic analysis, and if the results show suspended solids the Terminal and Port of Portland will immediately install filtration systems to ensure all suspended materials are captured prior to discharge. Should the results of those samples show dissolved zinc, the Terminal and the Port will again plug the discharge culvert and further evaluate the situation.

As we discussed on the phone yesterday (20 January), the Terminal suspects that despite Port of Portland soil remediation from high zinc levels following their 2008-2009 project, zinc levels in that same area could still be primary contributors to the zinc levels in the stormwater.

Additionally, as we discussed, the terminal continues to work through problems with our current testing laboratory with regard to misplacing samples as well as delinquent reporting.

Thank you once again for all you have done to help the Terminal in this matter. If there is anything else you would like to see done, or if you have any further questions please direct them to me at 503.536.3760 or to Jack Waller at 503.807.9686.

Regards,

Neil Maunu, Assistant Terminal Manager

15550 N. Lombard Portland, OR 97203 Phone 503-285-4200 Fax 503-285-7733

KINDER MORGAN TERMINALS

Kinder Morgan Terminals

May 27, 2008

Mr. Timothy P. Dean
City of Portland - Environmental Services
Water Pollution Control Laboratory
Industrial Stormwater Program
6543 N. Burlington Avenue
Portland, OR 97203-5452

Re: Annual Stormwater Facility Inspection -- April 21, 2008

Ref: Permit #101377

Dear Mr. Dean:

Enclosed are the documents that were requested in the letter dated April 25, 2008 that addressed the facility inspection that occurred at Terminal 5 on April 21, 2008. If there are questions, please do not hesitate to call me at the number listed below.

If there are questions, please do not hesitate to call me at the number listed below.

Sincerely yours,

KINDER MORGAN BULK TERMINALS, INC.

Jack Waller
Terminal Manager

CC: Dennis Jurries, DEQ
Regional EHS Manager
File

15550 N. Lombard Street Portland, OR 97203 503/285-4200 503/285-7733 Fax

KINDER MORGAN
BULK TERMINALS, INC.

Kinder Morgan Bulk Terminals, Inc.
Portland Bulk Terminals, L.L.C.
Terminal 5
15550 N. Lombard Street
Portland, OR 97203
(503) 285-4200

STORM WATER POLLUTION CONTROL PLAN

Prepared in Accordance with General Permit No. 1200 Z issued by the Oregon Department of Environmental Quality

April 2008.

Kevin T. Jones

Vice President - West Region

Primary Facility Contacts:

Jack Waller, Terminal Manager
503-285-4200, Ext. #40

Neil Maunu, Asst. Terminal Manager
503-285-4200 Ext. #17

Brent McMullin, West Region EHS Manager
360-693-5300, Extension #11

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Figure 2 Site Map
Figure 3 Site Drainage Map

KMB00010495

1.0 STORM WATER POLLUTION CONTROL PLAN PREPARATION & IMPLEMENTATION

The Storm Water Pollution Control Plan for the Terminal 5 Facility of Kinder Morgan Bulk Terminals, Inc. is intended to meet the requirements for such a plan as specified in General Permit 1200Z issued by the Oregon Department of Environmental Quality (DEQ).

The plan has been prepared by a person knowledgeable in storm water management and familiar with the facility namely, the Regional Environmental, Health & Safety Manager.

The Plan has been signed in accordance with 40 CFR 12.22 by the Vice President, Regional Manager.

The plan shall be kept current and updated as necessary to reflect any changes in facility operations.

The Plan shall be submitted to DEQ or permit administrators in accordance with Schedule A in the General Permit. A copy shall be maintained at the facility and made available upon request to DEQ or other government agencies responsible for storm water management pursuant to Oregon State regulations.

2.0 SITE DESCRIPTION

2.1 INDUSTRIAL ACTIVITIES

KMBT Terminal 5 is a marine cargo-handling facility, SIC Code 4491. Only dry bulk cargo products are handled; primarily "potash" and, occasionally, other fertilizers. A layout map of the facility showing the locations of the bulk storage building, ship loading dock, overhead conveyors, conveyor transfer towers, railroad tracks, storm water retention pond, maintenance shop, lunchrooms, offices, roads and parking lots is provided in Figure 2.

General description:
Bulk quantities of outbound dry material are transferred from railcars and conveyed directly to cargo ships or, alternatively, into the storage building where it is later reclaimed and transferred to cargo ships.

Railcars containing bulk quantities of outbound material enter at the southeast end of the facility as identified on the Site Map (see Figure 2). Railcars pass through a covered structure identified as the Rail Pit where their contents are discharged into a pit located beneath the tracks. An enclosed conveyor transports the material from the pit to the top of Transfer tower "T-5" located south of the bulk storage building. From this point the material is either directed to Transfer tower "T-6" (then to four other conveyor towers and on to an outbound ship), or to Transfer tower "T-7" which is used to direct bulk material into the storage building.

KMB00010496

KMBT operates under an Air Contaminate Discharge Permit # 26-3071, issued by Oregon DEQ. KMBT operates and maintains a modern, computer-controlled conveyor system with baghouses and cyclones to collect and control particulate matter discharges. Accordingly, the potential for products entering the storm water collection system is significantly minimized. Baghouses collect potash "fines" in tote bags, stored temporarily under cover and then picked up for agricultural use.

Any spills of solid materials that may occur during the handling of materials on the leased parcels are shoveled and swept up with a vacuum truck. Potash recovered during cleaning operations is placed in lined dumpsters and disposed of in a landfill.

Sanitary waste water and the majority of process wash water, is discharged directly to the City sewer system. Sewer discharges are regulated by the City of Portland and are monitored by both KMBT and the City's Bureau of Environmental Services pursuant to Permit Number 400.132. Occasionally, sufficient amounts of process water are generated and, therefore, must be transferred to a tanker and trucked to a permitted disposal facility

A list of bulk materials handled by KMBT Terminal 5 is presented in Section 2.5 of this SWPCP.

Maintenance of vehicles is generally accomplished off-site; however, some minor maintenance of equipment may be completed on site. Maintenance and fueling of the terminal locomotives is completed on site by third party contractors.
Two, mobile, diesel powered air compressors are used on site to maintain positive air pressure on brakes of railcars when the cars are uncoupled from locomotive power or when a string of cars is broken. These units may be moved around the facility, in the near vicinity of the rail tracks. The mobile air compressors are leased, maintained and fueled by a third party. Third party refueling is conducted following a "spill plan" developed by the fuel contractor.

2.2 GENERAL LOCATION MAP

The street address of the subject property is 15550 North Lombard; Terminal 5; Portland, Oregon 97203. The subject property is in Section 23; Township 2 North; Range 1 West of the Willamette Meridian; and is located on the east bank of the Willamette River near Kelly Point Park in the Rivergate Industrial area; and is approximately 1.5 miles south of the confluence of the Willamette and Columbia Rivers. The 100-acre subject property is located between United Western Supply/Milbank Materials USA to the East and Oregon Steel Mills on the West; by the Willamette River to the North and Lombard Street to the South.

A Site Location Map is presented as Figure 1.

2.3 SITE MAP AND SITE DRAINAGE MAP

A Site Map, Figure 2, illustrates the location of site facilities. A Site Drainage Map, Figure 3, illustrates directional storm water runoff patterns, ditches, and retention pond. Also depicted are locations of oil/water separators and spill kits.

2.4 IMPERVIOUS AREAS

Impervious surfaces include all paved surfaces and roofed areas. Impervious surface areas account for less than 10 percent of the subject property surface area and are shown in Figure 3.

2.5 POTENTIAL POLLUTANTS

KMBT Terminal 5 receives and ships bulk quantities of dry cargo materials. The principal material handled by KMBT Terminal 5 is potash; however, other fertilizer products may be infrequently handled. In addition, KMBT maintains, on site, various quantities of petroleum-based lubricants, paint, and fuel products such as gasoline, propane, and diesel for operational consumption. These products are maintained inside containers or buildings.

The introduction of the above materials into storm water runoff may result in changes to storm water pH, an increase in levels of oil and grease, ammonia, suspended solids, and total dissolved solids.

Benchmark values of storm water effluent pollutants are noted in the General Permit 1200Z.

A list of bulk materials currently handled (and anticipated to be handled) is provided below:

Non-hazardous materials (not listed in 40 CFR 302.4):

- Fertilizers (bulk)
    - Potash
    - Related fertilizers

2.6 RECEIVING WATERS

Storm water incident upon the Terminal 5 facility discharges into the Willamette River through an identified outfall from a retention pond and a series of collection ditches.(see Figure 3 Storm water flow from the retention pond and ditch system passes through a sedimentation manhole located behind (south of) the maintenance building and is the official sampling point.

2.7 DESCRIPTION OF STORM WATER DISCHARGES

Most of the storm water incident upon the 100-acre site flows to a retention pond and then to an outfall (Outfall 001) underneath the dock. Outfall 001 receives

KMB00010498

storm water runoff collected by a series of ditches and the retention pond shown in Figure 3. The drainage ditches and the retention pond are segregated from the maintenance shop, the interior of the bulk storage building and the covered conveyors. Because of the geographic lay of the land, some stormwater will drain directly to the sedimentation manhole through collection sumps. Collection sumps are fitted with sediment cloth or bio-bags at their openings.

Storm water is unlikely to be significantly impacted by industrial activities performed by KMBT.

Storm water samples are required to be taken and analyzed four times per year. Samples must be taken at least 14 calendar days apart with 2 sampling events occurring prior to December 31st each year and the remaining two samples are to occur between January 1 and June 30. In the event that any of the General Permit 1200Z benchmarks are not achieved, KMBT will investigate the source of the elevated pollutant levels and review the SWPCP within 30 days of receiving sampling results. An action plan including the results of the SWPCP review, corrective actions and implementation schedules will be submitted to the Agency.

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3.0 CONTROLS

3.1 EXISTING STORM WATER BEST MANAGEMENT PRACTICES

Existing storm water best management practices (BMP) designed to minimize industrial impact on storm water discharge include:

3.1.1 CONTAINMENT

A 480-gallon, double-walled, above-ground gasoline fuel storage tank is located on a drained containment pad of concrete designed to capture inadvertent drips or spills from vehicle fueling operations. The gasoline tank and fueling area are further protected from storm events by a covered structure. Liquids that inadvertently drip to the containment pad drain to an oil/water separator which discharges to the sewer. A small 100 gallon tank of diesel fuel is kept on a portable cart and is covered. A spill kit containing absorbents is maintained in the fueling area. Any spills that may occur are immediately contained and wiped up. Rail track "enviro pans" serve to collect and contain inadvertent spills, drips or leaks from the locomotives while stationed at their staging area. The pans drain to an oil/water separator and then to the city sewer. Spill kits are maintained in a covered area near the locomotive station.
The majority of petroleum based products stored for operational consumption are contained in a CONNEX box set in secondary concrete containment to ensure inadvertent spills that may reach outside the CONNEX box is contained.

3.1.2 OIL AND GREASE

Minor amounts of oil and grease from motorized vehicles occur on paved areas. Any oil or grease that may spill or leak during maintenance is cleaned up before it can interact with any storm water.

3.1.3 WASTE CHEMICALS AND MATERIAL DISPOSAL

Used oil is temporarily stored under cover in a double walled tank and then taken off site by manifest and recycled. All solid wastes are contained in lined and covered drop boxes and then disposed of at properly permitted disposal sites. Off-spec cargo material is diverted at Tower 3 to conveyor C-6 and conveyed to an enclosed structure referred to as "the bunker". The relatively small amounts of material in this structure are loaded into lined drop boxes and properly disposed of in landfill.
Tote bags of dust collector fines are temporarily staged on wooden pallets on a concrete pad next to the off-spec bunker building below conveyor C-7. Both C-7 and the bunker awning protect the tote bags from storm water before they are trucked off site for agricultural use.

3.1.4 EROSION AND SEDIMENT CONTROL

KMB00010500

The majority of the facility property is vegetated soil. Roads are either graveled or paved. The retention pond is designed to allow solids settlement thus reducing sediment from being transported to the storm water discharge point.

3.1.5 DEBRIS CONTROL

The retention pond and storm water ditches are kept free of debris to allow unimpeded storm water flow. Blocked ditches or storm water conveyances are cleaned as needed.

3.1.6 STORM WATER DIVERSION

Storm water contacting the steam cleaning pad is captured in a sump, directed to an oil/water separator and discharged to the sewer. Inadvertent spills in this area are contained by placing a rubber mat over the drain and then cleaned. Storm water from the T-4 transfer tower is captured by a sump and pumped to the effluent tank system.

3.1.7 COVERED ACTIVITIES

The railcar unloading pit, conveyors, and storage building are covered to prevent exposure of products to storm water. Dumpster and debris containers are also covered.
Off spec material is diverted from the main conveyor system to an enclosed structure or "bunker". Tote bags of baghouse fines are staged next to and protected by an awning extending from the off-spec bunker building.

3.1.8 HOUSEKEEPING

Storm water contamination potential is minimized by regular cleaning, sweeping and vacuuming of dock; tower sumps; and work area surfaces. Terminal management conducts daily visual inspections of the facility to ensure site cleanliness.

3.2 SPILL PREVENTION AND RESPONSE PROCEDURES

Inadvertent spills and releases of solid cargo products will be cleaned up by means of sweeping and/or vacuuming. Leaks or drips of oil on the dock will be cleaned up using absorbents and containerized as quickly as practicable. An ample supply of absorbents and cleaning equipment shall be stored in the maintenance shop at all times. Inadvertent spills and releases of cargo products directly into the river from handling equipment such as front-end loaders, clamshell buckets, shiploaders, conveyors, etc., shall be minimized to the extent practicable by (a) maintaining all equipment in accord with manufacturer's specifications and good engineering practices; and (b) frequent cleanup of accumulations of spilled cargo on or near the dock. Spill kits are available on-site and qualified spill cleanup firms such as West Coast Marine Cleaning, NRC or Foss Environmental are available to respond to accidental spills. Under no conditions may any material or any waste of any kind be discharged into the river except as allowed under KMBT Terminal 5 NPDES permit. Spill response and prevention plans are discussed in KMBT Terminal 5 Accidental Spill Prevention Plan (ASPP).

3.3 PREVENTATIVE MAINTENANCE

KMBT Terminal 5 Terminal Manager is responsible for administering the maintenance and inspection programs that include:

- Daily inspections of areas where storm water could be impacted with contaminants

KMB00010502

- Monthly inspections of the facilities
- Maintenance activities for all product handling equipment and storm water conveyances.

3.4 EMPLOYEE EDUCATION

KMBT Terminal 5 provides training and instruction for all personnel regarding the goals and content of the SWPCP. Training of new employees who have responsibility and duties related to storm water pollution control will be conducted within 30 days of hire.
Training will address storm water management, spill response procedures, materials management practices and best management practices.

KMBT Terminal 5 presents the above information as part of regularly scheduled health and safety meetings; educational seminars; written procedures; posted materials; or combinations thereof. The effectiveness of this program shall be evaluated and modified as necessary as part of the KMBT Terminal 5 SWPCP annual review.

4.0 RECORD KEEPING AND INTERNAL REPORTING PROCEDURES

Discharge monitoring reports (DMR) and laboratory sample analyses shall be submitted to DEQ or Agent by July 31st each year. DMR and Action Plans may be obtained by accessing the DEQ website at http://www.deq.state.or.us/wq/stormwater/industrial.htm.

The SWPCP shall be maintained on file at KMBT Terminal 5 and made available to the DEQ for inspection upon request. A copy of the NPDES 1200 Z Permit including the General Conditions shall be kept on file with the Plan.

KMBT Terminal 5 shall maintain records of the following events:

Inspections, maintenance, repair, and educational activities.
Incidents and upsets that impact or have the potential to impact storm water or surface waters shall also be documented and retained.

KMB00010503

STORM WATER QUALITY CONTROL OPERATION & MAINTENANCE PLAN

Description of Storm Water Facilities: The storm water facilities for the Kinder Morgan Bulk Terminals, Inc. Facility located at 15550 North Lombard Street in Portland, Oregon consist of the following:

- Roof gutters and downspouts on the storage building
- Asphalt lined ditches in the vicinity of the bulk storage building
- Unlined ditches that circumscribe the railroad tracks and the roadways.
- Culverts and piping which transports storm water under roadways and railroad tracks
- Water collection troughs and sumps on the dock
- Rail track collection trays at the locomotive station.
- Oil/water separation at three locations
- A settlement/retention pond
- A sedimentation manhole
- An outfall to the Willamette River

Inspections:

Visual monitoring for floating solids and petroleum sheen shall be conducted at least once per month when there is storm water discharge.

Daily facility inspections are conducted to ensure ditches and pond are clear of debris or blockage.

Inspection of all storm water facilities will be completed twice a year with review of the following items:

- Stabilization of retention pond embankment will be insured by checking for signs of erosion
- Structural integrity of retention pond weir (discharge pipe) will be reviewed

Maintenance: The storm water facilities will be maintained in the following manner:

- Erosion of the pond embankment and unlined ditches will be repaired in a timely manner upon discovery. Causes of erosion will be identified and corrected.
- Structural deficiencies of the pond weir will be corrected in a timely manner upon discovery.
- Vegetated areas will be mowed at least once a year and herbicides* will be used to control vegetation that is not controlled by mowing.
  NOTE: Because of product shipments to Australia, Terminal 5 is subject to the rules of the Australian Quarantine Inspection Service and cannot allow vegetation to go to seed inside the terminal.
- The oil / water separators, collection sumps as well as the sedimentation manhole will be cleaned as needed, but at least annually to minimize sediment build up.
- Vegetation that interferes with the settlement pond will be pruned or removed.

- Excess sediment in culverts and ditches will be cleaned out as needed.

* Selected herbicides that will not contaminate storm water.

KMB00010505

Appendix II

SWPCP REVISIONS

10-04-04	Revised title page to include facility contact names and phone numbers as requested by BES letter dated 9-30-04. (Filed under SW Facility Inspections)
7-23-07	Language revisions throughout document Site maps updated to reflect third loop track and related facility modifications
10-26-07	Revised to reflect changes in NPDES permit issued in September 2007
04-25-08	Language revisions throughout document. Site maps updated identifying locations of spill kits and oil/water separators.
05-23-08	Primary Facility Contacts revision.

KMB00010506

KINDER MORGAN BULK TERMINALS, INC.

Kinder Morgan Bulk Terminals, Inc.

ACCIDENTAL SPILL PREVENTION PLAN

Terminal Manager

This plan has been prepared to meet the requirements of industrial wastewater Discharge Permit # 400-132 issued by the City of Portland for discharges from KMBT's Portland Bulk Terminal 5.

Terminal 5 is a dry bulk marine cargo handling facility. Terminal 5 handles primarily "potash" with occasional other products including various fertilizers and non-hazardous materials (see below). Please see attached plan view map of the facility entitled "Sewer Access Map", showing the location of the office, maintenance shop, SGS Trailer, lunchroom, effluent tanks, gas tank, steam cleaning pad, oil/water separators, locomotive parking area, and POTW sampling manhole.

1. Substances handled (or potentially handled):

A. Petroleum products and hazardous substances (listed in 40 CFR 302.4)

- Concentrated acids or bases: May be used as needed for neutralization of wastewater prior to discharge to sewer. These products are currently not stored onsite.
- Lubricants, fuels, oil and used oil (refer to Appendix A for details of the diesel and gasoline fuel tanks)

B. Non-hazardous bulk materials (not listed in 40 CFR 302.4)

- Potassium Chloride ("potash")
- Urea
- Ammonium sulfate
- Potassium sulfate
- Phosphate rock
- Di-ammonium and Mono-ammonium phosphate
- Monocalcium Phosphate ("Triple Super Phosphate")
- Other related fertilizer products
- Soda ash (sodium carbonate)

2. Potential points of entry into City sewer system (see attached map entitled "Sewer Access Map"):

- Effluent Tanks
- Steam Cleaning Pad outside Maintenance Shop (Oil/Water Separator)
- Containment Pad for Gasoline Tank by Maintenance Shop (Oil/Water Separator)
- Oil/Water Separator near Locomotive Parking area.

- Sinks and Toilets in Maintenance Shop, Main Office, SGS Trailer, and Lunchroom
- Sampling Manhole at Facility Entrance (Main Gate)

3. Measures to prevent entry of spills into the sewer system:

- The 480-gallon, above-ground, gasoline fuel tank is of double wall construction to prevent leakage. The tank is mounted on a concrete secondary containment pad to capture inadvertent drips or spills from vehicle refueling operations. Liquids on the containment pad will drain to an oil/water separator and will discharge to the City sewer.

- The 100-gallon portable diesel tank is placed on a movable trailer. Any inadvertent drips or spills during fueling operations are cleaned up immediately using absorbent pads.

- De-greasers and other small quantities of chemicals and paints are stored in metal cabinets inside the maintenance shop that has a concrete base and no access to the City sewer.

- Lube oils and greases are stored in drums and smaller containers in a 20' storage container place on a concrete containment pad located adjacent to the maintenance shop. There is no direct access to the City sewer.

- Steam Cleaning Pad has a catch basin that drains to an oil/water separator and then discharges to the City Sewer System.

- Acids and bases for pH neutralization are not onsite. Should they be needed in the future they will be stored in secured containment with no access to the sewer.

- Absorbent material is placed under locomotives when they are parked outside the Enviro Pans to catch oil drips.

- Bulk products such as fertilizers and "miscellaneous compounds" are transferred directly to vessels or temporarily stored in the bulk storage warehouse that does not have sewer access points.

- The following "Best Management Practices (BMPs) are used at Terminal 5:

  - Safe handling procedures and personnel training (see Attachment 1)
  - Indoor storage/secondary containment for fuel, lubricants, degreasers, paints and other miscellaneous chemicals
  - Spill kits are available onsite and qualified spill cleanup firms such as NRC Environmental or West Coast Marine Cleaning (WCMC) are available to respond to accidental spills

4. Measures to be taken to contain spills:

See Attachment 2

5. Description of employee training:

This plan is reviewed with all new employees. The plan and spill reporting procedures are also reviewed with all employees on an annual basis. Additionally, the "**NOTICE**" (Attachment 3) and a copy of this plan are posted in the office, lunchrooms and maintenance shop.

6. Maintenance, Repair, & Cleaning of Equipment:

A proactive, predictive, and preventative maintenance program is in place including daily, weekly, monthly, quarterly, and annual maintenance covering materials handling/storage, structures, and treatment facilities. Detailed records are kept on site and are available for review upon request. In addition, a detailed annual training program covering all aspects of the environmental, health, and safety issues in the terminal has been established and is documented.

7. Recordkeeping and Reporting Procedures:

As noted above, Maintenance and training is documented. In addition, the terminal has an incident reporting procedure and documentation that includes spills, overfills, or leaks.

An annual management review of this Plan is conducted and documented.

In the event of accidental or slug loading, Terminal personnel will immediately notify the city (Attachment 3) and the Terminal Manager will write a formal report and submit it to the City with in 5 days.

KMB00010509

ATTACHMENT 1

Best Management Practices (BMPs) for Kinder Morgan Dock Operations

The following BMPs shall apply at all KMBT Dock Operations. These BMPs must be reviewed with all employees and posted on the bulletin board.

---

1. Contamination of stormwater shall be minimized by regular cleaning/sweeping/vacuuming of docks and work surfaces. Inadvertent spills and releases of cargo products and leaks and drips of oil on the docks shall be cleaned up by means of sweeping and/or vacuuming and/or absorbents, etc. as quickly as practicable. An ample supply of absorbents and cleaning equipment shall be maintained in the dock at all times.

2. Limited washdown of the dock and dock equipment is allowed by the DEQ.

3. Inadvertent spills and releases of cargo products directly into the River from handling equipment, such as front-end loaders, clamshell buckets, shiploaders, conveyors, etc., shall be minimized to the extent practicable by a) maintaining all equipment in accord with manufacturers' specifications and good engineering practice; and b) frequent cleanup of accumulations of spilled cargo.

4. Under no conditions may any material or any waste of any kind be discharged into the River except as allowed under a State or Federal Wastewater Discharge Permit.

ATTACHMENT 2

MEASURES TO BE TAKEN IN THE EVENT OF A HAZARDOUS SUBSTANCE SPILL

Step 1. Determine source of spill and, if it can be safely done, shut off valves, conveyors, etc.

Step 2. Immediately notify KMBT supervisor on duty and warn any personnel in the area.

Step 3. Isolate area and remove all sources of ignition.

Step 4. Follow spill reporting guidelines.

Step 5. Review MSDS for the material to familiarize yourself with handling precautions. MSDS's are located in the front office.

Step 6. Be sure area is well-ventilated to dissipate gases that may have been created by the spill.

Step 7. Keep hazardous materials out of sewers, storm drains, surface water and soils.

Step 8. Use Spill Cleanup Kits as required. Spill Kits are located at: Locomotives, Buggies, C10 & C11, DV-1, C16 Plow, Red Reclaimer, White Reclaimer, Red Tripper, White Tripper, Fuel Station, Maintenance Shop, Rail Clamp, & Shiploader MCC-7.

Step 9. Use protective equipment as specified in the MSDS for the product spilled.

Step 10. For small spills and leaks, mop or wipe up and dispose of the spilled material in an appropriate container.

Step 11. For large spills, contain spill with absorbent or other non-combustible materials by diking. After containment, shovel or pump hazardous materials and absorbents into DOT-approved drum or other appropriate container.

Step 12. Contact KMBT supervisor for instructions on proper disposal.

Step 13. Wash protective equipment thoroughly before securing from cleanup and return same to storage container. Replace any necessary items.

Step 14. If accidental contact with eyes or shins occurs, follow instructions on the MSDS.

ATTACHMENT 3

TERMINAL 5 SPILL RELEASE REPORTING GUIDE

Remember: When in doubt – REPORT. There is no penalty for "over-reporting". There are penalties, however, for "under-reporting". Always contact the Terminal Manager at 503-816-5261 and the Regional EHS Manager at (cell) 503-936-5622.

NOTE: Potash (potassium chloride) and other fertilizers handled at T-5 are NOT Hazardous Substances as defined in 40 CFR 302. Accordingly, spills of these substances do not have to be reported. They must, however, be promptly and thoroughly swept up and disposed of in designated dumpsters.

ON LAND

For any oil or oily product, determine if more than 1 barrel (42 gallons) was spilled.

- If less than 1 barrel went off our property, no reporting is required.
- <u>If 1 barrel or more went off our property, the supervisor must immediately call</u>:

  Oregon Emergency Response System (OERS) at 1-800-452-0311 or 503-378-6377

AND National Response Center at 1-800-424-8802

INTO SANITARY SEWER

In the event of a spill of any regulated hazardous material or lubricant that gets into the City of Portland's sewer system, the supervisor on duty must immediately notify the City of Portland Bureau of Environmental Services at:

Monday through Friday, 8:00 am to 4:30 pm	-	503-823-7180
After Hours and Weekends	-	503-323-3398

INTO WATER

Any amount of oil or oily product that causes a sheen on the water requires immediate reporting to the following agencies:

Oregon Emergency Response System (OERS) at 1-800-452-0311 or 503-378-6377

AND National Response Center at 1-800-424-8802

AND Local US Coast Guard at 503-240-9379 (business hours) –or- 503-240-9311 (after hours)

AIR EMISSIONS

KMB00010512

Excess emissions must be recorded with an incident report and entered into the facility Upset Log by the Terminal Manager and forwarded to the Regional EHS Manager.

APPENDIX A

FUEL TANK INFORMATION

GASOLINE TANK

1. Brand	Lube Cube by Hoover Group, Inc. Containment Systems Division
2. Fuel tank capacity	480 gallons, unleaded gasoline, above ground tank
3. Location:	South of Maintenance Shop on concrete pad (refer to Sewer Access Map)
4. Containment	Double walled, steel construction w/ventilation. Concrete pad is designed so that any leaks or spills are drained to an oil/water separator
5. Safety Certification	Meets NFPA-30 Specifications for storage of flammable and combustible liquids

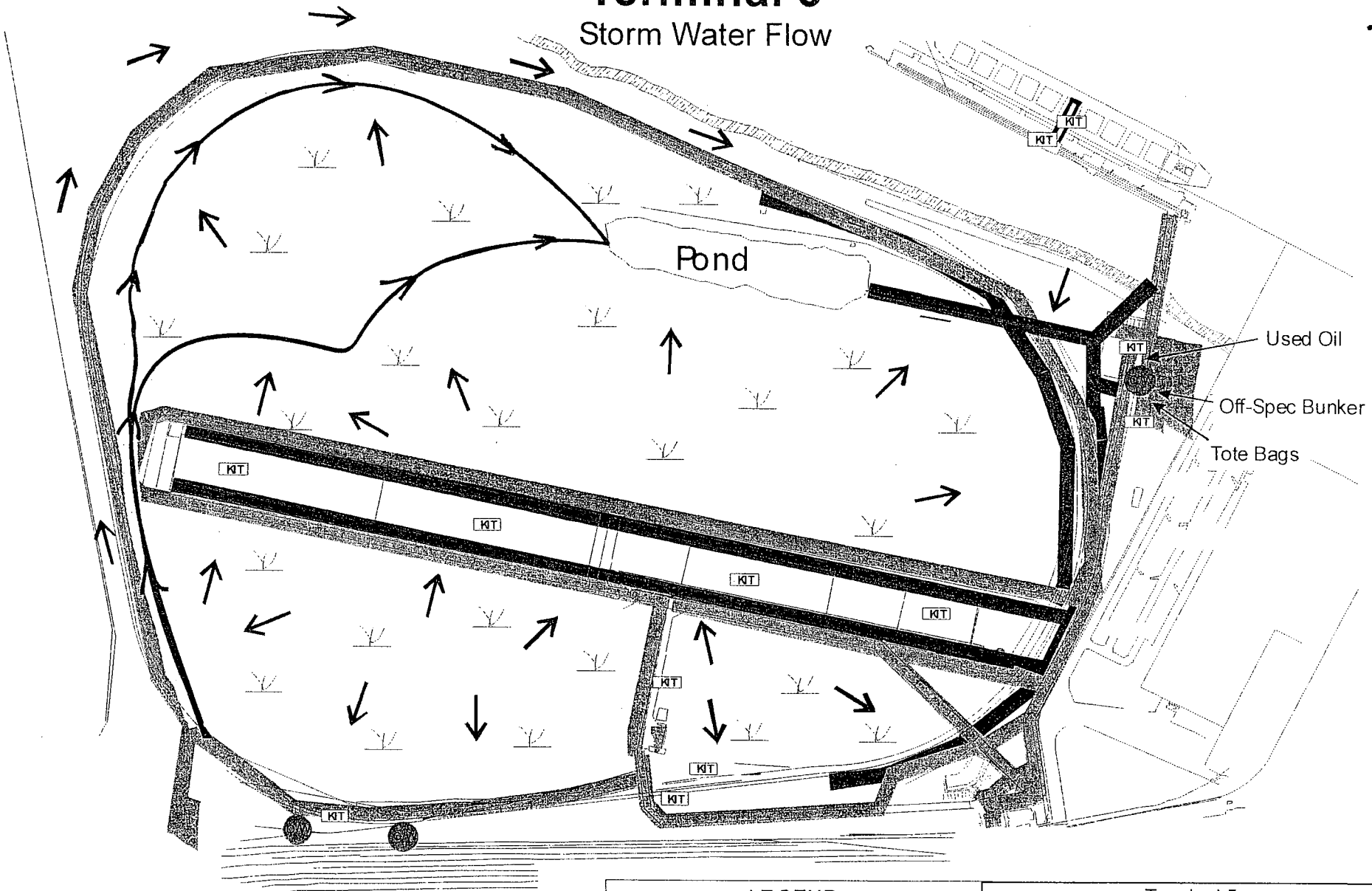
DIESEL TANK

1. Fuel tank capacity	100 gallons, above ground tank
2. Location:	One portable trailer
3. Containment	None

KMB00010514

Terminal 5

Storm Water Flow



LEGEND

- Paved Area
- Ditch to Pond
- Ditch to River
- Gradient
- Grassy/Sandy Area
- Culvert to Outfall
- KIT Spill Kit
- Oil Water Separator

Machine unit:	Terminal 5
Date:	4/26/08
Drawn by:	J. Waller

Site Drawing Map
Storm Water Flow

KINDER MORGAN
ENERGY PARTNERS, L.P.

DAILY WATER POLLUTION CONTROL INSPECTION FORM

To: Security Personnel

Instructions: 1) Please complete this form in its entirety
2) This inspection will be performed on a daily basis during daylight hours

Date _____

Performed by (Name) _____

Time _____

1. Weather **(circle one)** Clear Cloudy Partly Cloudy Rain Showers Snow Hail Fog

(circle one)

2. Is the Terminal handling cargo? YES NO

   If the answer is "YES", call the Terminal Superintendent to provide the following information:

   Product Handled (type of cargo) _____

3. Are ditches clear and free of debris, blockage, floating solids & oily sheen? YES NO
4. Is pond clear of debris, blockage, floating solids & oily sheen? YES NO
5. Is water around the dock free of floating solids & oily sheen? YES NO

   --If NO, is there a rainbow sheen (oil) in water? YES NO

   --If NO, is there any cargo in water? YES NO

   --If NO, is there foam in water? YES NO

If you answered "NO" to Questions 5 - report this immediately to a Superintendent!

6. Is the dock free of excessive cargo? (1/4" layer of cargo or less) YES NO

Are there trains on site? YES NO

If the answer is "YES", circle the number as follows: 1 2 3

Is there a ship on site? YES NO

BOOT CAMP 4-9-08 - HILTON HOTEL

NAME	Signature
BRENT MC MULLIN	Brent McMullin
Mark Hill	Mark Hill
Katrina Greene	K Greene
JACK WALLER	Jack Waller
Neil Maunu	[illegible]
Kial Gunter	[illegible]
GARRY SMITH	[illegible]
Gene ELLIS	[illegible]
ERIC STANDON	[illegible]
LARRY LABONTE	[illegible]
Jim Farrell	[illegible]
S. CADONAU	[illegible]
PAT GARNDE	[illegible]
CHRIS ALEXANDER	[illegible]
MIKE DELABHMIT	[illegible]
RALPH POND	Ralph Pond
Mike Miller	Mike Miller
BRUCE CRAVEN	[illegible]
Brad Clinefelter	[illegible]
Kevin Jones	Kevin Jones
Marco Ullmer	[illegible]
Ken McLaughlin	[illegible]
BILL DUNBAR	[illegible]

STORMWATER TRAINING

EHS Boot Camp

NPDES / Water Compliance

1

Agenda

- Objectives
- History
- Background – Why does this matter?
- Agency Oversight
- Elements
- Compliance Requirements

2

Objectives

- Operate our facilities in compliance with all relevant federal, state, and local air regulations
- Maintain compliance with the Kinder Morgan corporate Water Policy
- Sustain the ability to readily demonstrate compliance to regulators, Kinder Morgan auditors/assessors, and our customers
- Manage compliance activities in way that positively supports future business expansion

3

History of NPDES

- Section 402 of the Clean Water Act established the National Pollution Discharge Elimination System (NPDES) to reduce pollution in U.S. waterways through permit regulations. 40 CFR 122.26 and 40 CFR 123.25
- A state may receive authorization from EPA for one or more of the NPDES program components. If EPA has approved a state's NPDES program, then the state assumes permitting authority in lieu of EPA and NDPES permit applications would then be submitted to the state agency. Even after a state receives NPDES authorization, EPA continues to issue NPDES permits on tribal lands unless the tribe administers its own approved NPDES program
- Any U.S. facility subject to NPDES regulations that does not have a discharge authorization, may be in violation of Municipal, State and Federal law.

4

Why this matters?

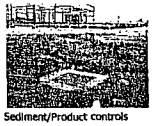
- Any 'person' discharging a pollutant into the waters of the U.S. A 'person' is defined as an individual, corporation, partnership, association, state, municipality, commission, or political subdivision of a state, or any interstate body.
- Under Section 309 of the CWA, penalties for violating the permit or not having a permit to discharge into the waters of the U.S. may be up to $27,500 per violation per day. Under Section 311, a Class I penalty may be assessed in an amount of up to $10,000 per violation, not to exceed $25,000; a Class II penalty may be assessed in an amount of up to $10,000 per day per violation, but not to exceed $125,000.
- EPA may issue an order to <u>any person or company</u> who violates the Clean Water Act. The order may impose a civil penalty plus recovery of any economic benefit of noncompliance and may also require correction of the violation.

5

Examples

Staining on the ground

Sheens in the water



Sediment/Product controls

Source for water pollutants

6

Background

- National Pollutant Discharge Elimination System (NPDES) has helped make America's waters safe for fishing, swimming, and drinking. Through its regulatory constraints and enforcement mechanisms, it has controlled hundreds of thousands of water-polluting discharges from urban areas, construction sites, and industrial facilities.
- Storm water associated with industrial activities may come into contact with any number of harmful pollutants including toxic metals, oil, grease, de-icing salts, and other chemicals. Activities such as storage and material handling can also add pollution to runoff. Polluted storm water runoff flows into Maine's lakes, streams, estuaries, wetlands and other water bodies.
- When left uncontrolled, this water pollution can result in threats to public health, and damage to fish, wildlife, and aquatic life habitats

7

Agency Oversight

- Federal EPA (40 CFR 122.21, 40 CFR 122.26 & 40 CFR 123.25)
- Federal EPA has authorized State NPDES Oversight.

8

Criteria for a NPDES Storm water

- Individual Permit
  - This permit is unique to each facility. The limitations and requirements in an individual permit are based on the facility's operations, type and amount of discharge, and receiving stream, among other factors
- General Permit
  - This permit covers facilities that have similar operations and type of discharge and are used to cover discharges that will have a minimal affect on the environment.

9

Criteria for a Construction Storm water

- Construction Permit
  - Storm Water Discharges associated with Construction Activity.
  - Site is not authorized for storm water discharges associated with construction activity as defined in 40 CFR 122.26(b)(14)(x) or 40 CFR 122.26(b)(15)
    - <1 Acre
    - 1 to 5 Acre
    - 5 or more

10

Main Elements Water Permit

- Individual or General Permit
- Notice of Intent
- Storm Water Pollution Prevention Plan
  - Potential Pollution Sources
  - Management Practices and Controls
  - Site Compliance Evaluation
- Sampling and Monitoring

11

Notice of Intent

- Initial
  - A Notice of Intent (NOI) is an application for coverage under a National Pollutant Discharge Elimination System (NPDES) General Permit
- Renewal
  - A Notice of Intent (NOI) is submitted for renewal under a National Pollutant Discharge Elimination System (NPDES) General Permit
- Amendment
  - A Notice of Intent (NOI) is submitted when changes to elements or site will be required

12

Storm Water Pollution Prevention Plan -SWPPP

- **Elements**
  - Drainage map for the facility or site
  - Inventory of exposed significant materials
  - List of best management practices (BMP's) that will address potential storm water pollutants at the facility
  - Preventive maintenance program
  - Spill prevention, control and countermeasures (SPCC) plan (if applicable)
  - Annual reporting
  - Erosion Control Plan
  - Source Control
  - Waste Minimization/Waste Management
  - Minimization or Elimination of Material Exposure
  - Inspection and Maintenance
  - Documentation

13

Evaluation / Monitoring

- Conduct annual site inspection/BMP evaluation
- Conduct recordkeeping and reporting
- Review and revise plan

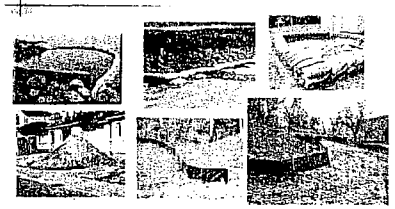
14

Construction General Permit

- Construction General Permit
- Notice of Intent
- Storm Water Pollution Prevention Plan
  - Management Practices and Controls
  - Inspections
- Notice of Termination

15

Compliance



16

Compliance Focus Areas

- Storm Water Pollution Prevention Plan (SWPPP) must be current,
- Discharge Monitoring Reports documentation must be complete,
- SWPPP must be certified,
- Inspections of outfalls and storm drains are required to be inspected and documented as noted in NPDES permit conditions,
- NPDES permit requires that Best management practices (BMPs) are designed to control, reduce or prevent storm water pollution, they need to be followed and or be updated to reflect what the facility is currently doing to meet the requirement spell out in the permit. Construction stormwater permits have the same or similar requirements

17

KMB00010519

SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN

DON THOMAS PETROLEUM INC
2727 NW ST HELENS ROAD
PORTLAND OR 97210
503-227-0145

CONTACT
Don W Thomas CEO

NAME: Don Thomas Petroleum Inc
2727 NW St Helens road
Portland OR 97210

PRESIDENT: David W Thomas

OTHER PERSONNEL:
Secretary-Treasurer
Office Manager
Sales Manager
Sales Representative
Bookkeeper
Delivery Drivers – 6
Warehouseman

SERVICE AREA: NW Oregon and SW Washington

FACILITY DESCRIPTION:
The bulk plant of the Don Thomas Petroleum company Handles, stores and distributes packaged motor oils and industrial oils in 55 gallon steel drums and case goods. The accompanying drawing shows the property boundary and onsite building. The largest above storage for petroleum products is 330-gallon totes.

FIXED STORAGE: One 2000-gallon split above ground tank
½ diesel fuel
½ gasoline

TOTAL VEHICLES: 2 Transport Delivery Trucks
2 Tank Wagon Delivery Trucks
3 Package Delivery Trucks
1 Pick up Truck

PAST SPILL EXPERIENCE:

None

The bulk plant is constructed of concrete block and the outdoor area id completely blacktopped. There are tree area lights located so as to illuminate the entire bulk plant and parking area. A chainlink fence surrounds the entire area and gates are closed and locked whenever the plant is unattended.

SPILL PREVENTION STORAGE TANKS:

Above ground tanks are for own consumption only. Venting capacity is suitable for the fill and withdrawal rates. Main power switch is located inside the office. An emergency shut off switch is located outside the front door.

SPILL PREVENTION VEHICULAR:

Onsite

Loaded vehicles are not left unattended or parked with product onboard. Absorbent pads and dikeing material are immediately available. There are no drains in the bulk plant facility. The nearest open stream or river is over two miles away. Personnel training are drills are described herein later.

Off Site

Each vehicle is equipped with a shovel, absorbent pads, and dikeing materials. The drivers are instructed to achieve emergency containment if possible, then to call office for help immediately, If unable to reach office personnel drivers are instructed to call our emergency response contractor.

PERSONNEL: All personnel have been instructed and rehearsed in the following spill prevention and countermeasure plans.

1. Instruction has been held on oil spill prevention and containment.
2. Instructions and phone numbers have been publicized and posted at the office regarding the report of a spill to the EPA and the State of Oregon and the State of Washington Department of Ecology.
3. Drivers must all complete both the Hazmat and Coast Guard Training Courses.
4. Drivers are required to attend and participate in weekly safety and product handling classes. Classes

are specific in regards to regulations, which relate to oil spill and countermeasure procedures.

FUTURE SPILL PREVENTION PLANS:

Onsite storage of spill containment and retrieval materials and equipment – bagged absorbent, absorbent pads and tools. Storage facility will be well publicized and clearly identified. A routine inspection program for prevention of leakage from drums in storage and leakage of any product from tank trucks

Continued educational programs for all employees on spill prevention and proper countermeasure procedures as prescribed by Don Thomas Petroleum.

Utilize placement of Safety Cones around trucks while in the process of loading and unloading.

Supply all delivery drivers with cell phones to provide faster response to spills or possible product losses.

Review plans periodically and update as required.

Don W Thomas

CERTIFICATION

CERTIFICATION INFORMATION

A. Name of Facility------Don Thomas Petroleum Warehouse
B. Type of Facility------Packaged Oil Storage
C. Date of Initial Operation ------1 September 1978
D. Location of Facility ------2727 N.W. St Helens Road, Portland, Oregon
E. Name and Address of Owner ------Don W. and Bonnie L. Thomas
14940 S.W. 103rd
Tigard, Oregon 97224
F. Designated Person Responsible for Oil Spill Prevention------Don W. Thomas
G. Oil Spill History-----This facility has experienced no spill event since its inseption.
H. Management Approval---Full approval is extended by Management at a level with authority to commit the necessary resources toward spill prevention.

DON W.THOMAS
PRESIDENT - DON THOMAS PETROLEUM,INC.

I. CERTIFICATION---------I hereby certify that I have examined the facility and being familiar the the provisions of 40CFR, Part 112 attest that this SPCC Plan has been prepared in accordance with good engineering practices.

File

CITY OF PORTLAND ENVIRONMENTAL SERVICES

Water Pollution Control Laboratory
6543 N. Burlington Ave., Portland, Oregon 97203-5452
(503) 823-5600

April 25, 2008

RECEIVED
APR 28 2008

Gene Ellis
Kinder Morgan Bulk Terminals, Inc
101 E Eighth Street
Vancouver, WA 98660

RE: Annual Stormwater Facility Inspection- Kinder Morgan Bulk Terminal 5, **15550 N Lombard St**, Portland, Oregon

Dear Mr. Ellis,

The City of Portland (City) conducted an inspection of the Kinder Morgan Bulk T-5 facility on April 21, 2008. The purpose of the inspection was to assess the company's compliance with the 1200-Z NPDES Stormwater Permit that has been issued for this site. Overall, the results of the inspection were satisfactory; and there were no noted deficiencies with respect to permit compliance observed during the inspection. The following items were discussed during the inspection:

- The current Storm Water Pollution Control Plan (SWPCP) will need to be updated to reflect all of the changes and modifications made to the site during the last year. The needed revisions were discussed during the site inspection and I have included a copy of the SWPCP Checklist to help guide you in making these revisions. As the planned site changes are done and you are waiting only for better weather to finish up the paving, the revisions are due to the City thirty days after the receipt of this letter, or **by May 27, 2008**. Please send copies sent to both the City and to ODEQ.

- The site plan in your Storm Water Pollution Control Plan (SWPCP) should be produced at a larger scale (e.g., 11 x 17) so that drainage details such as catch basins, drainage ways, spill kit locations, and waste material storage or staging areas, can be discerned on the drawing. As discussed the site plan and the stormwater flow diagram must be updated to reflect site improvements.

The City of Portland appreciates your commitment to limiting the amount of pollutants entering the Willamette River. If you have any questions, please feel free to contact me at 503/823-5537.

Sincerely,

Timothy P. Dean
Permit Manager
City of Portland
Industrial Stormwater Section

c: Brent McMullin

City of Portland

Environmental Services
Industrial Stormwater Program

Org. ID 25447

Stormwater Pollution Control Plan Checklist
1200-COLS and 1200Z General Stormwater Discharge Permit

Check the permit that applies:
__ 1200-COLS (issued 09/01/06)
XX 1200-Z (issued 07/01/07

Industry Name: Kinder Morgan Bulk Terminals, Portland T-5

Instructions: Fill in the appropriate page number(s) indicating the location of all the required elements of the Storm Water Pollution Control Plan. Additional requirements may exist beyond the scope of this form depending on site-specific conditions. This form must be completed for the SWPCP to be considered complete.

Permit Schedule		Requirement	Page Number(s)	Approved (For official use only)
Signature	A.1.d	Signed and certified in accordance with 40 CFR 122.22.	1	Yes
Authorship	A.1.c	Name(s) of the person(s) who prepared the plan.	3	Yes
Title Page	A.3.a	Site Name	1	Yes
		Site Owner or Operator	1	Yes
		DEQ Permit File or Site Number	Not Available	No
		Contact Person Name and Telephone Number	1	Yes, (Update?)
		Site Physical Address	1	Yes
		Site County	Not Available	No
		Site Mailing Address (if different)	1	Yes
Site Description	A.3.b.i	Industrial activities conducted on-site.	3, 4	Yes
		Significant materials (include methods of storage, usage, treatment, and disposal).	3, 4	See Note 1
General Location Map	A.3.b.ii	Site in relation to surrounding properties, transportation routes, surface waters, and other relevant features.	4, Figure #1	Yes
Site Map	A.3.b.iii	Drainage Patterns	4, Figure 3	Need updated maps
		Drainage and Discharge Structures (piping, ditches, etc.)	4, Figure 3	Need updated maps
		Drainage Area Outline for each Stormwater Outfall	4, Figure 3	Need updated maps
		Paved Areas	4, Figure 3	Need updated maps
		Buildings	4, Figures 2, 3	Yes
		Areas of Outdoor Manufacturing, Treatment, Storage or Disposal of Significant Materials	4, Figure 3	See Note 2
		Existing Stormwater Structural Control Measures	4, 8; Figure 3	Need updated maps
		Material Loading and Access Areas	Figure 3	Yes
		Hazardous Waste Treatment, Storage and Disposal Facilities	Not Applicable	Yes

		Location of Wells (including waste injection wells, seepage pits, and drywells)	Not Applicable	Yes
		Location of Springs, Wetlands and Surface Water bodies (both on-site and adjacent to the site)	Figures 2, 3	Need updated maps
Impervious Area	A.3.b.iv	Estimates, by individual stormwater outfall, of impervious area including paved areas and building roofs.	4, Figure 3	Need updated maps
Potential Pollutants	A.3.b.v	Identify potential pollutants that could be present in stormwater for each drainage basin where a reasonable potential exists.	4, 5	Yes
Receiving Waters	A.3.b.vi	Name(s) of the receiving water(s). If to a municipal storm sewer system include ultimate receiving waters and name of municipality.	5	Yes
Monitoring	A.3.b.vii	Identify outfall(s) and point(s) where stormwater monitoring will occur.	5, Figures 2, 3	Yes
		If all outfalls are not monitored, include description of outfalls, data, and analysis supporting outfalls are representative according to B.2.b.	Not Applicable	Yes
Site Controls	A.3.c.i	**Best Management Practices (BMPs).** Include BMPs already in practice and a schedule for future implementation including: Containment, Oil and Grease, Waste Chemicals and Material Disposal, Erosion and Sediment Control, Debris Control, Stormwater Diversion, Covering Activities, Housekeeping activities and frequency.	5, 6	Yes, need more details on where wastes are staged on-site.
	A.3.c.ii	**Spill Prevention and Response Procedures.** Include methods to prevent spills along with clean-up and notification procedures. Spill prevention plans may be substituted providing that stormwater is adequately addressed.	6, ASPP	Yes, Suggest that ASPP be an Appendix to SWPCP
	A.3.c.iii	**Preventative Maintenance.** (1) Monthly inspections of areas where potential spills of significant materials or industrial activities can impact stormwater. (2) Monthly inspections of stormwater control measures, structures, catch basins and treatment facilities. (3) Cleaning, maintenance or repair of stormwater system.	6	Yes, Suggest attachment of blank log sheets used at facility.
	A.3.c.iv	**Employee Education.** Employee orientation and education program informing of components and goals of the SWPCP. Orientation w/in 30 days, education annually.	7	Yes, suggest that training occur in early fall

Comments:

Note 1: As discussed during site inspection, need to more fully discuss what wastes are stored, where and how. This would include the used oil stored in the shop, the of-spec potash, and the recycled potash materials. Also include discussion of their ultimate disposal – to landfill, to recycling usage, or to POTW.

Note 2: As the site maps and figures are updated, please show locations of where wastes are stored or staged on-site on these maps, as well as text briefly discussing what happens and how frequently.

Recommend that blank report forms of the log sheets for Visual Monitoring, Preventative Maintenance, Training class attendance, and ASPP be attached as Appendices or attachments to SWPCP.

KINDER MORGAN
TERMINALS

West Coast Region

RECEIVED
DEC 18 2006

December 13, 20006

Mr. Tim Dean
City of Portland
Bureau of Environmental Services
6543 N. Burlington Ave.
Portland, OR. 97203

RE: **NPDES renewal application of T-5 Bulk Terminal**
Industrial Storm water Pollution Prevention Plan
DEQ File # 70613

Mr. Dean;

At your request, this letter will provide you with notification that Kinder Morgan's Terminal 5 Bulk Operation has made application for NPDES permit renewal with DEQ.

Terminal 5 property has recently been modified by the Port of Portland with an addition of a third rail loop and some grounds changes. This Port of Portland construction project will be on-going at the facility to complete an addition to the existing storage building. The project is anticipated be complete by end of November 2007.

During this project, there have been no significant modifications to the terminal's stormwater collection and elimination system. The current ditch system near the rail tracks was necessarily interrupted during the summer, but replaced around the third loop before the rainy season started. There will be no changes to the sample point, outfall or settlement pond, but the paved ditches along the sides of the storage building will be extended to meet the completed extension for the storage building.

101 East Eighth Street, Suite 260 Vancouver, WA 98660 Office 360-693-5300 Fax 360-906-0237

We plan to revisit the SWPPP and amend it as necessary as we near the completion of the project.

Please feel free to call, e-mail or meet to review the physical changes at the facility and current SWPPP.

Respectfully,

Brent McMullin
West Region EHS Manager

CC: Gene Ellis, KM
Jack Waller, KM

DEQ USE ONLY
Application #:
File #:
EPA #:
LLID/RM:
DOC Conf.:
Notes:

RENEWAL APPLICATION
NPDES STORM WATER DISCHARGE
GENERAL PERMIT #1200-Z

Oregon Department of Environmental Quality

DEQ USE ONLY
Received:

A. REFERENCE INFORMATION

1. Legal Name: Kinder Morgan Bulk Terminals, Inc.	2. Common Name: T-5 or Terminal 5 Bulk Storage facility
3. DEQ File #: 70613	4. Is the applicant the owner of the facility? ☐ Yes ☒ No
5. Facility Primary SIC code: 4491 County: Multnomah	6. Facility Physical Address: 15550 N. Lombard City, State, Zip Code: Portland, OR. 97203
7. Legal Contact : Kevin Jones kevin_jones@kindermorgan.com Mailing Address: 101 E. Eighth St.	Telephone #: 360-693-5300 Email: City, State, Zip Code: Vancouver, WA. 98660
8. Facility Contact: Gene Ellis gene_ellis@kindermorgan.com Mailing Address: 15550 N. Lombard	Telephone #: 503-285-4200 Email: City, State, Zip Code: Portland, OR. 97203
9. Invoice to: Gene Ellis Billing Address: 15550 N. Lombard	Telephone #: 503-285-4200 Email: City, State, Zip Code: Portland, OR. 97203

B. STORMWATER DISCHARGE INFORMATION

1. Briefly describe any activities that have been added, removed or changed since your previous application: There have been NO changes to activities at this facility since the previous application.

2. Briefly describe any changes made to the number or locations of stormwater outfalls or flows off your property: There have been NO changes made to the number or location of stormwater outfalls or flows off the property.

3. Have any changes been made to cause your stormwater to discharge to a different waterbody, storm sewer system, or seepage system (i.e., dry well)? ☐ YES, explain below: ☒ NO

4. Have you submitted an updated Storm Water Pollution Control Plan (SWPCP) that thoroughly describes these changes with this application? ☐ YES, included with application

C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE

I hereby certify that the information contained in this application is true and correct to the best of my knowledge and belief. In addition, I agree to pay all permit fees required by Oregon Administrative Rules 340-45. This includes a renewal application fee to renew the permit and a compliance determination fee invoiced annually by DEQ to maintain the permit.

Kevin Jones	Area Manager
Name of Legally Authorized Representative (Type or Print)	**Title**
Kevin Jones	12-1-06
Signature of Legally Authorized Representative	**Date**

KMB00010529

DEQ USE ONLY
Application #:
File #:
EPA #:
LLID/RM:
DOC Conf.:
Notes:

RENEWAL APPLICATION
NPDES STORM WATER DISCHARGE
GENERAL PERMIT #1200-Z

Oregon Department of Environmental Quality

DEQ USE ONLY
Received:

A. REFERENCE INFORMATION

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3. Have any changes been made to cause your stormwater to discharge to a different waterbody, storm sewer system, or seepage system (i.e., dry well)? ☐ YES, explain below: ☒ NO

4. Have you submitted an updated Storm Water Pollution Control Plan (SWPCP) that thoroughly describes these changes with this application? ☐ YES, included with application

C. SIGNATURE OF LEGALLY AUTHORIZED REPRESENTATIVE

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Kevin Jones	Area Manager
Name of Legally Authorized Representative (Type or Print)	**Title**
Kevin Jones	12-1-06
Signature of Legally Authorized Representative	**Date**

CITY OF PORTLAND
ENVIRONMENTAL SERVICES
Water Pollution Control Laboratory
6543 N. Burlington Ave., Portland, Oregon 97203-5452
(503) 823-5600

RECEIVED
MAR - 3 2006

March 1, 2006

Brent McMullin
Kinder Morgan Terminals
1009 Officers Row
Vancouver, Washington 98661

RE: Annual Stormwater Facility Inspection- Kinder Morgan Bulk Terminal 5, **15550 N Lombard St**, Portland, Oregon, February 2, 2006

Dear Mr. McMullin,

The City of Portland (City) conducted an inspection of the Kinder Morgan Bulk T-5 facility on February 2, 2006. The purpose of the inspection was to evaluate the company's compliance with the 1200-Z NPDES Stormwater Permit that has been issued for this site. Overall, the results of the inspection were satisfactory; and there were no noted deficiencies with respect to permit compliance observed during the inspection. The following items were discussed during the inspection:

- The site plan in your Storm Water Pollution Control Plan (SWPCP) should be produced at a larger scale (e.g., 11 x 17) so that drainage details such as catch basins can be discerned on the drawing. Your SWPCP will need to be updated following completion of site improvements including expansion of your existing storage building. An updated site plan could be provided with your updated SWPCP at the time site improvements are completed.

As part of the Industrial Stormwater Program, City staff perform routine sampling at industries within the City of Portland that have general stormwater permits. Enclosed are the results of a stormwater sample collected on February 2, 2006 during the inspection. The sample was collected from sample point 01 (manhole). All parameter levels are in compliance with benchmarks in your NPDES 1200-Z General Stormwater Permit. These results should be used to assess the effectiveness of the controls for the site as stated in your Stormwater Pollution Control Plan (SWPCP). Please note that sampling conducted by the City may not be used to satisfy your permit-required self-monitoring.

The City of Portland appreciates your commitment to limiting the amount of pollutants entering the Willamette River. If you have any questions, please feel free to contact me at 503.823.7383.

Sincerely,

Aaron B. Wieting, R.G., C.H.M.M.
Environmental Technician
Industrial Stormwater Program

Enclosure

c: Jack Waller

City of Portland
Water Pollution Control Laboratory
Laboratory Analysis Report

Sample Date/Time 02/02/06 11:40 **System ID** AK01089 **Sample ID** **SWM060001**

Proj./Company Name: KINDER MORGAN BULK TERMINAL T5
Address/Location: 15550 N LOMBARD ST

Page No.: 1
Date Received: 02/02/06
Sample Status: COMPLETE AND VALIDATED

Proj Subcategory: INDUSTRIAL STORMWATER SAMPLING
Sample Point Code: 01
IMS File # / LocCode: 3060.001 KINDT5SW

Sample Type: GRAB
Sample Matrix: STORMWTR
Collected By: ABW

Comments:

Test Parameter	Result	Units	MRL	Method
FIELD				
pH (FIELD)	7.4	pH Units	0.1	SM 4500-H B
TEMPERATURE	8.8	Deg. C	0.1	SM 2550 B
GENERAL				
COD	6	mg/L	5	SM 5220 D
OIL & GREASE, TOTAL	<5.0	mg/L	5	EPA 1664
TOTAL SUSPENDED SOLIDS	3	mg/L	2	SM 2540 D
METALS BY ICP-MS (TOTAL) - 3				
COPPER	0.00210	mg/L	0.0002	EPA 200.8
LEAD	0.00022	mg/L	0.0001	EPA 200.8
ZINC	0.0232	mg/L	0.0005	EPA 200.8

End of Report for Sample ID: **SWM060001**

6543 N. Burlington Ave. / Portland OR 97203 (503) 823-5600 fax (503) 823-5656

Report Date: 02/13/06
Validated By:

CITY OF PORTLAND
ENVIRONMENTAL SERVICES
Water Pollution Control Laboratory
6543 N. Burlington Avenue, Bldg. 217, Portland, Oregon 97203 • Dan Saltzman, Commissioner • Dean Marriott, Director

February 26, 2010

Jack Waller
Kinder Morgan Bulk Terminals, Inc
15550 N Lombard Street
Portland, OR 97203

RE: Stormwater Inspection- Kinder Morgan Bulk Terminal 5, Oregon; DEQ File # 101377

Dear Mr. Waller;

The City of Portland (City) conducted an inspection of the Kinder Morgan Bulk T-5 facility on February 26, 2010, to assess the company's compliance with the 1200-Z NPDES Stormwater Permit. Overall, the results of the inspection were satisfactory.

Please note the following in order to protect stormwater quality

- The site map in your current SWPCP makes deciphering details difficult. The City recommends that it be produced on a larger scale (e.g., 11 x 17) so that drainage details such as catch basins, drainage ways, spill kit locations, and the site sampling point can easily be discerned on the drawing.

- The City strongly recommends that any on-site contractors working on site be given training for spill response and stormwater awareness as part of their site orientation. Further, the City recommends that long time on-site contractor employees be included in the site's annual update training so that they are fully aware of the site's requirements and procedures for protecting stormwater quality and spill response and pollution control while operating on site.

- The City recommends continuing to review the area surrounding the sedimentation manhole just prior to the site's monitoring point for sediments that may be flushed into it. As discussed during the inspection, such servicing has been done but documenting such work is rather sparse. As this is at the end of the site's stormwater system, any sediment build-up found may mean that the site's current BMPs need review and revision to help keep this sediment better controlled.

- The documentation of the permit required preventative maintenance, the visual monitoring, and the annual employee training was reviewed and found to be in good order.

The City of Portland appreciates your commitment to helping protect the Willamette River. If you have any questions, please feel free to contact me at 503/823-5537.

Sincerely,

Timothy P. Dean

Timothy P. Dean
Permit Manager
City of Portland
Industrial Stormwater Section

c: Brent McMullin, Neil Maunu

BES Sub-Meter Report-Weekly 2011

KMB00010535

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
May - 08	7	4	6	6	9	1	2
May - 09	7	4	7	4	0	0	3
May - 10	7	4	8	3	6	3	6
May - 11	7	4	8	8	9	5	1
May - 12	7	4	9	1	7	1	6
May - 13	7	5	0	2	4	6	2
May - 14	7	5	1	3	1	6	1

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
May - 01	7	4	3	7	2	7	5
May - 02	7	4	3	8	7	9	9
May - 03	7	4	4	5	0	4	8
May - 04	7	4	4	5	0	7	1
May - 05	7	4	4	8	3	6	3
May - 06	7	4	5	4	6	3	4
May - 07	7	4	6	0	7	8	7

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
April - 24	7	3	9	4	4	2	5
April - 25	7	4	0	2	7	5	0
April - 26	7	4	0	7	3	3	0
April - 27	7	4	1	5	8	4	6
April - 28	7	4	1	7	7	4	7
April - 29	7	4	2	4	2	2	9
April - 30	7	4	3	0	8	9	2

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
April - 17	7	3	6	2	8	0	6
April - 18	7	3	7	2	5	2	6
April - 19	7	3	7	7	4	4	3
April - 20	7	3	8	4	3	0	3
April - 21	7	3	9	0	4	0	3
April - 22	7	3	9	1	2	4	8
April - 23	7	3	9	2	8	4	2

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POLYSONICS DCT 1088

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April - 10	7	3	0	8	6	9	0
April - 11	7	3	1	7	9	7	1
April - 12	7	3	2	5	7	0	0
April - 13	7	3	3	5	8	7	0
April - 14	7	3	3	6	2	4	7
April - 15	7	3	4	1	7	9	8
April - 16	7	3	5	1	8	8	9

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DISCHARGE FLOW METER
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DATE READ 2011	GALLONS						
April – 03	7	2	5	9	0	3	7
April – 04	7	2	6	6	1	6	9
April – 05	7	2	7	4	7	0	4
April – 06	7	2	8	3	2	3	8
April – 07	7	2	9	1	2	6	9
April – 08	7	2	9	6	2	1	0
April – 09	7	3	0	1	4	0	4

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
March - 27	7	1	9	9	4	3	2
March - 28	7	2	0	6	9	9	4
March - 29	7	2	1	5	1	3	2
March - 30	7	2	2	5	3	1	2
March - 31	7	2	3	5	2	3	7
April - 01	7	2	4	2	9	1	3
April - 02	7	2	5	1	2	5	9

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POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
March - 20	7	1	5	1	9	4	6
March - 21	7	1	5	1	9	4	6
March - 22	7	1	6	3	7	7	1
March - 23	7	1	7	1	1	4	4
March - 24	7	1	7	5	3	8	2
March - 25	7	1	7	9	5	3	0
March - 26	7	1	8	2	0	4	3

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
March – 13	7	1	1	9	2	7	6
March – 14	7	1	3	4	6	6	3
March – 15	7	1	3	4	6	6	3
March – 16	7	1	3	5	9	4	3
March – 17	7	1	3	9	2	6	9
March – 18	7	1	4	9	2	1	8
March – 19	7	1	5	1	9	3	3

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March – 06	7	0	5	6	4	5	1
March – 07	7	0	6	1	3	1	5
March – 08	7	0	6	6	0	4	6
March – 09	7	0	7	2	5	3	2
March – 10	7	0	8	0	5	4	5
March – 11	7	0	9	8	7	1	1
March – 12	7	1	0	9	8	7	4

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
February - 27	6	9	7	8	1	1	5
February - 28	6	9	8	7	8	5	9
March - 01	7	0	0	0	5	9	5
March - 02	7	0	1	5	4	4	5
March - 03	7	0	3	3	8	6	3
March - 04	7	0	3	7	9	5	1
March - 05	7	0	4	5	5	3	3

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DATE READ 2011	GALLONS						
February - 20	6	9	2	6	2	5	1
February - 21	6	9	3	3	1	7	8
February - 22	6	9	3	7	9	6	7
February - 23	6	9	4	3	9	7	0
February - 24	6	9	5	4	1	5	1
February - 25	6	9	6	3	2	4	0
February - 26	6	9	7	4	3	5	0

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DATE READ 2011	GALLONS						
February - 13	6	8	7	0	4	1	9
February - 14	6	8	7	3	1	7	3
February - 15	6	8	8	5	4	8	5
February - 16	6	8	9	0	5	7	6
February - 17	6	9	0	1	7	0	6
February - 18	6	9	0	9	6	3	4
February - 19	6	9	1	9	4	4	1

~~BBI~~
3831216
(2/11)

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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February - 06	6	8	3	9	4	5	9
February - 07	6	8	4	8	1	1	6
February - 08	6	8	5	0	3	3	5
February - 09	6	8	5	6	9	2	2
February - 10	6	8	5	9	3	8	8
February - 11	6	8	6	1	2	1	6
February - 12	6	8	6	1	7	1	5

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
January - 30	6	7	9	7	1	0	0
January - 31	6	8	0	5	8	7	9
February - 01	6	8	1	3	6	0	5
February - 02	6	8	2	0	6	3	9
February - 03	6	8	2	5	5	7	2
February - 04	6	8	3	0	5	0	5
February - 05	6	8	3	1	1	1	8

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DATE READ 2011	GALLONS						
January - 23	6	7	5	0	4	4	8
January - 24	6	7	6	1	8	0	8
January - 25	6	7	6	8	6	5	5
January - 26	6	7	7	3	9	0	1
January - 27	6	7	8	1	1	9	8
January - 28	6	7	8	7	0	9	8
January - 29	6	7	9	2	5	9	7

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS						
January - 16	6	6	9	2	0	0	2
January - 17	6	6	9	5	8	8	7
January - 18	6	7	0	6	9	8	2
January - 19	6	7	2	0	5	0	6
January - 20	6	7	2	7	8	7	6
January - 21	6	7	3	5	9	0	3
January - 22	6	7	4	6	6	5	2

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

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January - 09	6	6	2	4	3	3	3
January - 10	6	6	3	1	3	4	0
January - 11	6	6	3	6	0	8	6
January - 12	6	6	4	2	3	6	3
January - 13	6	6	5	2	8	5	1
January - 14	6	6	6	5	8	0	0
January - 15	6	6	7	5	3	2	6

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2011	GALLONS 6 5 7 0 8 4 1
January - 02	6572136
January - 03	6574343
January - 04	6581907
January - 05	6601847
January - 06	6610018
January - 07	6616649
January - 08	6621164

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
December - 26	6	5	2	1	4	6	6
December - 27	6	5	2	8	4	2	0
December - 28	6	5	4	7	0	1	3
December - 29	6	5	6	1	5	6	4
December - 30	6	5	6	4	6	6	0
December - 31	6	5	6	7	7	3	8
January 1, 2011	6	5	7	0	8	4	1

BES Sub-Meter Report–Monthly 2011

KMB00010557

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT MONTHLY RECAP - PBT5

ROUTE TO: **VP Regional Manager; Regional EHS Manager, Terminal Manager, Assistant Terminal Manager**

YEAR: **2011**

MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 FIRST OF THE MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS FOR THE MONTH OF:
January	6570841	242764
February	6813605	186990
March	7000595	242318
April	7242913	194362
May	7437275	0
June		0
July		0
August		0
September		0
October		0
November		0
December		0
January		

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-9779

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
5/1/2011	7 4 3 7 2 7 5

SIGNATURE:

Jack Waller, Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Apr	7,242,913	
2-Apr	7,251,259	8,346
3-Apr	7,259,037	7,778
4-Apr	7,266,169	7,132
5-Apr	7,274,704	8,535
6-Apr	7,283,238	8,534
7-Apr	7,291,269	8,031
8-Apr	7,296,210	4,941
9-Apr	7,301,404	5,194
10-Apr	7,308,690	7,286
11-Apr	7,317,971	9,281
12-Apr	7,325,700	7,729
13-Apr	7,335,870	10,170
14-Apr	7,336,247	377
15-Apr	7,341,798	5,551
16-Apr	7,341,798	0
17-Apr	7,351,889	10,091
18-Apr	7,362,806	10,917
19-Apr	7,377,443	14,637
20-Apr	7,384,303	6,860
21-Apr	7,390,403	6,100
22-Apr	7,391,248	845
23-Apr	7,392,842	1,594
24-Apr	7,394,425	1,583
25-Apr	7,402,750	8,325
26-Apr	7,407,330	4,580
27-Apr	7,415,846	8,516
28-Apr	7,417,747	1,901
29-Apr	7,424,229	6,482
30-Apr	7,430,892	6,663
1-May	7,437,275	6,383
		194,362 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
05-01-11	7437275

Transmit report

P.1

05/02/2011 11:10
27NE03027
TC:224748

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	05-02 11:09	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-9779

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			7	4	3	7	2	7	5

DATE READ 5/1/2011

SIGNATURE:

Jack Waller, Manager

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-9779

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)											
4/1/2011						7	2	4	2	9	1	3

SIGNATURE:

Jack Waller, Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Mar	7,000,595	
2-Mar	7,015,445	14,850
3-Mar	7,033,863	18,418
4-Mar	7,037,951	4,088
5-Mar	7,045,533	7,582
6-Mar	7,056,451	10,918
7-Mar	7,061,315	4,864
8-Mar	7,066,046	4,731
9-Mar	7,072,532	6,486
10-Mar	7,080,545	8,013
11-Mar	7,098,711	18,166
12-Mar	7,109,874	11,163
13-Mar	7,119,276	9,402
14-Mar	7,134,663	15,387
15-Mar	7,134,663	0
16-Mar	7,135,943	1,280
17-Mar	7,139,269	3,326
18-Mar	7,149,218	9,949
19-Mar	7,151,933	2,715
20-Mar	7,151,946	13
21-Mar	7,151,946	0
22-Mar	7,163,771	11,825
23-Mar	7,171,144	7,373
24-Mar	7,175,382	4,238
25-Mar	7,179,530	4,148
26-Mar	7,182,043	2,513
27-Mar	7,199,432	17,389
28-Mar	7,206,994	7,562
29-Mar	7,215,132	8,138
30-Mar	7,225,312	10,180
31-Mar	7,235,237	9,925
1-Apr	7,242,913	7,676
		242,318 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
04-01-11	7249291 3

Transmit report

P.1

04/04/2011 07:30
27NE03027
TC:218605

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	04-04 07:30	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-9779

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			7	2	4	2	9	1	3

DATE READ 4/1/2011

SIGNATURE:

Jack Waller, Manager

KMB00010566

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-9779

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
3/1/2011	7 0 0 0 5 9 5

SIGNATURE: Jack Waller

Jack Waller, Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Feb	6,813,605	
2-Feb	6,820,639	7,034
3-Feb	6,825,572	4,933
4-Feb	6,830,505	4,933
5-Feb	6,831,118	613
6-Feb	6,839,459	8,341
7-Feb	6,848,116	8,657
8-Feb	6,850,335	2,219
9-Feb	6,856,922	6,587
10-Feb	6,859,388	2,466
11-Feb	6,861,216	1,828
12-Feb	6,861,715	499
13-Feb	6,870,419	8,704
14-Feb	6,873,173	2,754
15-Feb	6,885,485	12,312
16-Feb	6,890,576	5,091
17-Feb	6,901,706	11,130
18-Feb	6,909,634	7,928
19-Feb	6,919,441	9,807
20-Feb	6,926,251	6,810
21-Feb	6,933,178	6,927
22-Jan	6,943,970	10,792
23-Feb	6,954,151	10,181
24-Feb	6,963,240	9,089
25-Feb	6,974,350	11,110
26-Feb	6,974,350	0
27-Feb	6,978,115	3,765
28-Feb	6,987,859	9,744
1-Mar	7,000,595	12,736
		186,990 Gallons Discharged

Transmit report

03/01/2011 12:16
27NE03027
TC:215899

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	03-01 12:16	00:00 21	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-9779

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			7	0	0	0	5	9	5

DATE READ 3/1/2011

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
03-01-11	700059 5

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-9779

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
2/1/2011	6 8 1 3 6 0 5

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: ***Wackenhut Security***

FROM: ***Kinder Morgan Bulk Terminals, Inc. - Terminal 5***

INSTRUCTIONS: ***This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!***

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
02-01-11	6813605

JANUARY WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Jan	6,570,841	
2-Jan	6,572,136	1,295
3-Jan	6,574,343	2,207
4-Jan	6,581,907	7,564
5-Jan	6,601,847	19,940
6-Jan	6,610,018	8,171
7-Jan	6,616,649	6,631
8-Jan	6,621,164	4,515
9-Jan	6,626,333	5,169
10-Jan	6,631,340	5,007
11-Jan	6,636,086	4,746
12-Jan	6,642,363	6,277
13-Jan	6,652,851	10,488
14-Jan	6,665,800	12,949
15-Jan	6,675,326	9,526
16-Jan	6,692,002	16,676
17-Jan	6,695,887	3,885
18-Jan	6,706,982	11,095
19-Jan	6,720,506	13,524
20-Jan	6,727,876	7,370
21-Jan	6,735,903	8,027
22-Jan	6,746,652	10,749
23-Jan	6,750,448	3,796
24-Jan	6,761,808	11,360
25-Jan	6,768,655	6,847
26-Jan	6,773,901	5,246
27-Jan	6,781,198	7,297
28-Jan	6,787,098	5,900
29-Jan	6,792,597	5,499
30-Jan	6,797,100	4,503
31-Jan	6,805,879	8,779
1-Feb	6,813,605	7,726

242,764 Gallons Discharged

Transmit report

02/01/2011 12:13
27NE03027
TC:212815

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	02-01 12:13	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-9779

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

DATE READ 2/1/2011

			6	8	1	3	6	0	5

SIGNATURE:

Jack Waller, Manager

BES Sub-Meter Report-Weekly 2010

KMB00010575

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
December - 26	6	5	2	1	4	6	6
December - 27	6	5	2	8	4	2	0
December - 28	6	5	4	7	0	1	3
December - 29	6	5	6	1	5	6	4
December - 30	6	5	6	4	6	6	0
December - 31	6	5	6	7	7	3	8
January 1, 2011	6	5	7	0	8	4	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
December - 19	6	4	8	8	0	8	6
December - 20	6	4	9	7	1	0	1
December - 21	6	5	0	7	8	1	5
December - 22	6	5	0	9	9	3	5
December - 23	6	5	1	7	5	8	0
December - 24	6	5	1	8	4	1	3
December - 25	6	5	1	9	4	1	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS							
December- 12		6	4	1	8	2	5	2
December- 13		6	4	2	9	6	9	7
December- 14		6	4	4	3	8	1	1
December- 15		6	4	6	2	1	5	0
December- 16		6	4	7	1	6	4	1
December- 17		6	4	7	7	9	1	4
December- 18		6	4	8	6	2	6	4

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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* *Guards to take one reading each morning promptly at 10:00 a.m.*
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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
December-05	6	3	4	9	1	7	4
December-06	6	3	5	3	4	1	6
December-07	6	3	6	0	0	1	8
December-08	6	3	6	7	5	3	8
December-09	6	3	7	7	8	8	3
December-10	6	3	9	7	8	2	1
December-11	6	4	0	3	7	9	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
November-28	6	3	0	6	1	6	4
November-29	6	3	1	3	1	9	7
November 30	6	3	1	8	8	1	2
December-01	6	3	2	6	1	6	7
December-02	6	3	3	3	4	5	0
December-03	6	3	3	8	9	8	0
December-04	6	3	4	4	4	5	6

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
November - 21	6	2	8	6	4	6	4
November - 22	6	2	8	8	3	1	4
November - 23	6	2	9	5	4	6	3
November - 24	6	3	0	0	2	9	4
November - 25	6	3	0	3	1	1	8
November - 26	6	3	0	4	7	3	5
November - 27	6	3	0	6	1	6	4

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
November-14	6	2	3	8	0	0	4
November-15	6	2	4	0	5	2	1
November-16	6	2	4	1	7	6	0
November-17	6	2	4	2	6	6	1
November-18	6	2	6	2	5	4	4
November-19	6	2	7	5	8	7	5
November-20	6	2	8	3	1	6	6

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS							
November-07		6	1	8	4	1	3	1
November-08		6	1	9	7	8	1	1
November-09		6	2	0	7	2	4	9
November-10		6	2	1	4	3	2	1
November-11		6	2	1	5	4	3	9
November-12		6	2	2	3	3	7	4
November-13		6	2	2	4	3	8	6

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10 :00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
October-31	6	1	3	3	8	5	1
November-01	6	1	3	3	8	5	1
November-02	6	1	4	5	2	3	7
November-03	6	1	5	4	5	2	2
November-04	6	1	6	1	6	2	8
November-05	6	1	7	2	3	6	5
November-06	6	1	7	7	6	9	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
October-24	6	1	0	2	0	9	7
October-25	6	1	0	2	1	8	4
October-26	6	1	1	2	3	9	5
October-27	6	1	2	3	5	5	6
October-28	6	1	2	7	8	5	3
October-29	6	1	3	1	6	0	3
October-30	6	1	3	3	8	0	6

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS							
October-17		6	1	0	2	0	9	7
October-18		6	1	0	2	0	9	7
October-19		6	1	0	2	0	9	7
October-20		6	1	0	2	0	9	7
October-21		6	1	0	2	0	9	7
October-22		6	1	0	2	0	9	7
October-23		6	1	0	2	0	9	7

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
October-10	6	0	8	2	1	9	4
October-11	6	0	9	2	9	0	6
October-12	6	0	9	4	7	4	8
October-13	6	1	0	2	0	9	7
October-14	6	1	0	2	0	9	7
October-15	6	1	0	2	0	9	7
October-16	6	1	0	2	0	9	7

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
October-03	6	0	4	8	8	5	2
October-04	6	0	4	9	9	3	4
October-05	6	0	5	2	8	2	1
October-06	6	0	6	0	0	8	5
October-07	6	0	6	4	7	4	9
October-08	6	0	6	9	7	2	7
October-09	6	0	7	4	5	3	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
September-26	6	0	4	2	2	4	8
September-27	6	0	4	2	8	2	0
September-28	6	0	4	3	3	9	9
September-29	6	0	4	3	9	1	5
September-30	6	0	4	3	9	1	5
October-01	6	0	4	3	9	1	5
October-02	6	0	4	7	8	2	2

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
September-19	6	0	1	4	8	8	5
September-20	6	0	2	0	5	5	0
September-21	6	0	2	6	0	5	1
September-22	6	0	3	2	5	7	5
September-23	6	0	3	7	1	9	2
September-24	6	0	4	0	7	4	2
September-25	6	0	4	1	0	6	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
September-12	5	9	9	1	6	0	1
September-13	5	9	9	4	4	9	2
September-14	5	9	9	6	2	2	9
September-15	6	0	0	1	9	0	5
September-16	6	0	0	5	0	1	7
September-17	6	0	0	6	5	9	1
September-18	6	0	0	9	2	0	4

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
September-05	5	9	7	4	7	4	4
September-06	5	9	8	0	6	0	0
September-07	5	9	8	2	4	6	3
September-08	5	9	8	8	3	8	8
September-09	5	9	8	8	8	7	7
September-10	5	9	9	0	7	4	8
September-11	5	9	9	1	6	0	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
August - 29	5	9	5	2	8	0	0
August - 30	5	9	5	5	4	7	8
August - 31	5	9	5	5	5	3	5
September - 01	5	9	5	5	5	3	5
September - 02	5	9	6	1	6	6	7
September - 03	5	9	7	0	3	4	2
September - 04	5	9	7	4	3	8	4

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
August - 22	5	9	3	8	4	3	1
August - 23	5	9	3	8	4	8	4
August - 24	5	9	3	9	9	1	5
August - 25	5	9	4	2	3	4	4
August - 26	5	9	4	2	3	4	4
August - 27	5	9	4	3	6	3	2
August - 28	5	9	4	8	4	1	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
August - 15	5	9	1	8	7	2	3
August - 16	5	9	2	3	2	1	4
August - 17	5	9	2	4	8	0	8
August - 18	5	9	3	0	3	8	5
August - 19	5	9	3	1	7	5	0
August - 20	5	9	3	1	9	1	9
August - 21	5	9	3	5	4	8	0

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
August - 01	5	8	7	7	5	9	3
August - 02	5	8	8	0	8	2	0
August - 03	5	8	8	8	2	8	2
August - 04	5	8	8	9	2	0	2
August - 05	5	8	8	9	2	0	2
August - 06	5	8	8	9	2	0	2
August - 07	5	8	8	9	2	8	2

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
August - 08	5	8	8	9	2	0	2
August - 09	5	8	9	1	9	1	2
August - 10	5	8	9	4	6	9	5
August - 11	5	9	0	0	1	9	9
August - 12	5	9	0	0	7	8	2
August - 13	5	9	0	6	0	6	0
August - 14	5	9	1	1	7	2	4

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
July –	25		5	8	6	6	4	5	4
July –	26		5	8	6	6	4	5	5
July –	27		5	8	6	6	4	6	9
July –	28		5	8	6	9	3	9	6
July –	29		5	8	7	3	9	7	7
July –	30		5	8	7	7	5	3	1
July –	31		5	8	7	7	5	9	3

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
July -	18		5	8	5	9	1	0	0
July -	19		5	8	5	9	1	0	0
July -	20		5	8	6	1	5	4	9
July -	21		5	8	6	3	2	0	8
July -	22		5	8	6	5	4	7	7
July -	23		5	8	6	6	4	5	4
July -	24		5	8	6	6	4	5	4

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
July -	11		5	8	4	1	5	9	8
July -	12		5	8	4	5	3	8	6
July -	13		5	8	5	1	7	9	7
July -	14		5	8	5	6	7	7	6
July -	15		5	8	5	8	1	4	4
July -	16		5	8	5	8	9	4	5
July -	17		5	8	5	9	1	0	0

SEE Cal Sheet
Measure Tech -
5845517

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS						
July -	04		5	8	1	8	8	3	9
July -	05		5	8	1	8	8	3	9
July -	06		5	8	2	2	3	8	4
July -	07		5	8	2	8	1	0	3
July -	08		5	8	2	9	2	2	9
July -	09		5	8	3	2	8	4	9
July -	10		5	8	3	7	3	6	4

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
June - 27	5	8	0	3	6	5	7
June - 28	5	8	0	3	6	5	7
June - 29	5	8	0	3	6	5	7
June - 30	5	8	0	5	8	2	2
July - 01	5	8	0	5	8	2	2
July - 02	5	8	0	5	8	2	3
July - 03	5	8	1	1	6	3	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
June -	20		5	8	0	2	2	0	5
June -	21		5	8	0	2	2	0	5
June -	22		5	8	0	3	6	1	0
June -	23		5	8	0	3	6	1	0
June -	24		5	8	0	3	6	5	7
June -	25		5	8	0	3	6	5	7
June -	26		5	8	0	3	6	5	7

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
June - 13	5	7	7	1	7	9	9
June - 14	5	7	8	0	3	4	9
June - 15	5	7	8	4	5	0	7
June - 16	5	7	9	2	3	6	6
June - 17	5	7	9	4	3	4	8
June - 18	5	7	9	5	0	7	7
June - 19	5	8	0	1	9	3	7

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
June - 06	5	7	2	3	5	2	4
June - 07	5	7	3	8	1	6	9
June - 08	5	7	4	9	1	0	4
June - 09	5	7	5	8	4	4	8
June - 10	5	7	6	6	2	3	8
June - 11	5	7	6	8	9	0	6
June - 12	5	7	6	8	9	1	4

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
May - 30	5	6	8	0	2	9	2
May - 31	5	6	8	2	7	8	6
June - 01	5	6	8	4	0	8	2
June - 02	5	6	9	1	0	1	2
June - 03	5	6	9	9	3	9	7
June - 04	5	7	0	5	7	5	4
June - 05	5	7	1	5	0	2	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS						
May –	23		5	6	6	4	5	5	0
May –	24		5	6	6	5	7	8	0
May –	25		5	6	6	7	7	7	8
May –	26		5	6	6	9	6	7	7
May –	27		5	6	7	1	9	8	7
May –	28		5	6	7	1	9	9	2
May –	29		5	6	7	1	9	9	2

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
May	16		5	6	1	5	9	3	9
May	17		5	6	1	6	3	6	0
May	18		5	6	2	4	9	0	6
May	19		5	6	3	6	2	9	8
May	20		5	6	4	8	0	3	7
May	21		5	6	6	0	7	8	7
May	22		5	6	6	3	6	5	4

Reading after calibation by MeasureTech –

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
May -	09		5	6	0	6	5	7	6
May -	10		5	6	1	3	9	3	1
May -	11		5	6	1	3	9	8	0
May -	12		5	6	1	4	7	6	0
May -	13		5	6	1	5	8	9	5
May -	14		5	6	1	5	9	1	9
May -	15		5	6	1	5	9	3	5

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
May-	02		5	5	7	9	9	0	9
May-	03		5	5	8	6	0	8	2
May-	04		5	5	8	8	1	8	7
May-	05		5	5	9	1	5	8	3
May-	06		5	5	9	1	5	8	3
May-	07		5	5	9	1	6	7	3
May-	08		5	5	9	9	9	4	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
April -	25		5	5	5	6	9	3	8
April -	26		5	5	5	6	9	3	8
April -	27		5	5	6	4	3	1	5
April -	28		5	5	6	9	8	3	5
April -	29		5	5	7	1	7	1	3
April -	30		5	5	7	2	9	3	4
May -	01		5	5	7	9	9	0	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
April -	18		5	5	3	7	8	0	4
April -	19		5	5	3	8	1	5	2
April -	20		5	5	4	1	8	8	5
April -	21		5	5	4	2	3	2	7
April -	22		5	5	4	3	4	8	1
April -	23		5	5	4	8	7	6	0
April -	24		5	5	5	4	2	9	2

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
April -	11		5	5	0	6	1	6	9
April -	12		5	5	1	2	0	7	5
April -	13		5	5	1	2	8	1	4
April -	14		5	5	1	2	8	1	4
April -	15		5	5	1	8	1	9	5
April -	16		5	5	2	6	6	4	3
April -	17		5	5	3	0	9	9	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
April -	04		5	4	6	1	2	7	6
April -	05		5	4	6	3	4	8	3
April -	06		5	4	7	1	1	6	1
April -	07		5	4	7	8	0	8	4
April -	08		5	4	8	3	0	3	3
April -	09		5	4	9	0	8	9	2
April -	10		5	4	9	9	0	5	5

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
March-	28		5	4	3	6	8	6	7
March-	29		5	4	4	5	1	1	4
March-	30		5	4	5	0	3	7	1
March-	31		5	4	6	1	2	7	2
April-	01		5	4	6	1	2	7	2
April-	02		5	4	6	1	2	7	2
April-	03		5	4	6	1	2	7	2

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
March-	21		5	4	0	9	2	5	8
March-	22		5	4	1	3	0	1	0
March-	23		5	4	1	6	7	6	2
March-	24		5	4	1	9	7	0	6
March-	25		5	4	2	3	2	3	2
March-	26		5	4	2	7	2	0	1
March-	27		5	4	3	1	0	5	7

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
March- 14	5	3	8	4	1	5	7
March- 15	5	3	8	4	1	5	7
March- 16	5	3	8	4	1	5	7
March- 17	5	3	8	8	4	1	6
March- 18	5	3	9	4	6	5	8
March- 19	5	3	9	9	5	5	0
March- 20	5	4	0	4	4	9	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
March-	07		5	3	5	4	0	9	9
March-	08		5	3	5	5	4	9	7
March-	09		5	3	5	7	2	1	1
March-	10		5	3	5	7	2	1	1
March-	11		5	3	5	7	2	1	1
March-	12		5	3	6	8	4	3	4
March-	13		5	3	7	7	8	6	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
February - 28	5	3	3	6	1	2	8
March - 01	5	3	3	7	9	8	3
March - 02	5	3	3	7	9	8	3
March - 03	5	3	3	9	8	7	1
March - 04	5	3	4	0	4	7	9
March - 05	5	3	4	6	6	7	6
March - 06	5	3	5	2	8	5	5

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
February - 21	5	2	9	2	2	6	0
February - 22	5	2	9	3	2	0	5
February - 23	5	2	9	7	9	8	6
February - 24	5	3	0	4	3	6	3
February - 25	5	3	1	0	6	3	0
February - 26	5	3	1	8	5	1	5
February - 27	5	3	2	9	2	9	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
February - 14	5	2	5	1	5	2	9
February - 15	5	2	5	2	9	4	6
February - 16	5	2	6	1	1	2	8
February - 17	5	2	6	8	7	5	8
February - 18	5	2	7	5	3	6	1
February - 19	5	2	8	4	8	2	6
February - 20	5	2	9	1	2	6	0

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
February- 07	5	2	0	1	9	0	5
February- 08	5	2	0	5	4	1	6
February- 09	5	2	1	2	9	2	4
February- 10	5	2	2	1	7	6	0
February- 11	5	2	2	7	2	5	1
February- 12	5	2	3	5	8	1	8
February- 13	5	2	4	3	7	3	5

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
January-	31		5	1	5	4	3	6	0
February-	01		5	1	6	0	5	6	6
February-	02		5	1	6	6	8	0	1
February-	03		5	1	7	2	5	9	9
February-	04		5	1	7	9	8	7	0
February-	05		5	1	8	5	3	0	1
February-	06		5	1	9	5	3	3	7

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
January - 24	5	1	2	6	0	6	2
January - 25	5	1	3	0	0	3	5
January - 26	5	1	4	0	0	0	2
January - 27	5	1	4	5	8	4	7
January - 28	5	1	5	0	9	6	2
January - 29	5	1	5	3	9	4	5
January - 30	5	1	5	3	9	4	5

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
January - 17	5	0	7	9	4	7	4
January - 18	5	0	8	3	7	0	3
January - 19	5	0	9	5	0	6	7
January - 20	5	1	0	3	6	7	1
January - 21	5	1	1	0	3	2	1
January - 22	5	1	1	5	4	1	0
January - 23	5	1	2	1	5	1	7

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2010	GALLONS						
January - 10	5	0	2	8	9	2	7
January - 11	5	0	2	8	9	2	7
January - 12	5	0	3	3	2	4	4
January - 13	5	0	4	1	6	4	9
January - 14	5	0	4	5	9	3	1
January - 15	5	0	5	1	1	4	8
January - 16	5	0	6	7	2	3	0

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2010	GALLONS							
January-	03		5	0	0	0	5	3	7
January-	04		5	0	0	1	2	9	2
January-	05		5	0	1	1	8	6	5
January-	06		5	0	1	8	8	8	2
January-	07		5	0	1	9	1	8	3
January-	08		5	0	2	1	2	7	2
January-	09		5	0	2	8	4	5	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
December-27	4	9	5	8	7	8	4
December-28	4	9	6	8	6	1	1
December-29	4	9	7	3	5	6	4
December-30	4	9	7	8	2	8	1
December-31	4	9	8	3	4	4	4
January 1, 2010	4	9	9	8	7	5	1
January 2, 2010	5	0	0	0	5	1	9

BES Sub-Meter Report–Monthly 2010

KMB000010629

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT MONTHLY RECAP - PBT5

ROUTE TO: **VP Regional Manager; Regional EHS Manager, Terminal Manager, Assistant Terminal Manager**

YEAR: **2010**

MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 FIRST OF THE MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS FOR THE MONTH OF:
January	4998751	161815
February	5160566	177417
March	5337983	123289
April	5461272	118637
May	5579909	104173
June	5684082	121740
July	5805822	71771
August	5877593	77942
September	5955535	88380
October	6043915	89936
November	6133851	192316
December	6326167	244674
January	6570841	

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
1/1/2011	6 5 7 0 8 4 1

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: ***Wackenhut Security***

FROM: ***Kinder Morgan Bulk Terminals, Inc. - Terminal 5***

INSTRUCTIONS: ***This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!***

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
01-01-11	65708941

Transmit report

01/06/2011 09:26
27NE03027
TC:209922

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	01-06 09:26	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5539
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

DATE READ 1/1/2011

6 5 7 0 8 4 1

SIGNATURE:

Jack Waller, Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Dec	6,326,167	
2-Dec	6,333,450	7,283
3-Dec	6,338,980	5,530
4-Dec	6,344,456	5,476
5-Dec	6,349,174	4,718
6-Dec	6,353,416	4,242
7-Dec	6,360,018	6,602
8-Dec	6,367,538	7,520
9-Dec	6,377,883	10,345
10-Dec	6,397,821	19,938
11-Dec	6,403,791	5,970
12-Dec	6,418,252	14,461
13-Dec	6,429,697	11,445
14-Dec	6,443,811	14,114
15-Dec	6,462,150	18,339
16-Dec	6,471,641	9,491
17-Dec	6,477,914	6,273
18-Dec	6,486,264	8,350
19-Dec	6,488,086	1,822
20-Dec	6,497,101	9,015
21-Dec	6,507,815	10,714
22-Dec	6,509,935	2,120
23-Dec	6,517,580	7,645
24-Dec	6,518,413	833
25-Dec	6,519,419	1,006
26-Dec	6,521,466	2,047
27-Dec	6,528,420	6,954
28-Dec	6,547,013	18,593
29-Dec	6,561,564	14,551
30-Dec	6,564,660	3,096
31-Dec	6,567,738	3,078
1-Jan	6,570,841	3,103
		244,674 Gallons Discharged

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)											
12/1/2010						6	3	2	6	1	6	7

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
12-01-10	63261667

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT MONTHLY RECAP - PBT5

ROUTE TO: **VP Regional Manager; Regional EHS Manager, Terminal Manager, Assistant Terminal Manager**

YEAR: **2010**

MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 FIRST OF THE MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS FOR THE MONTH OF:
January	4998751	161815
February	5160566	177417
March	5337983	123289
April	5461272	118637
May	5579909	104173
June	5684082	121740
July	5805822	71771
August	5877593	77942
September	5955535	88380
October	6043915	89936
November	6133851	192316
December	6326167	0
January		

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Nov	6,133,851	
2-Nov	6,145,237	11,386
3-Nov	6,154,522	9,285
4-Nov	6,161,628	7,106
5-Nov	6,172,365	10,737
6-Nov	6,177,691	5,326
7-Nov	6,184,131	6,440
8-Nov	6,197,811	13,680
9-Nov	6,207,249	9,438
10-Nov	6,214,321	7,072
11-Nov	6,215,439	1,118
12-Nov	6,223,374	7,935
13-Nov	6,224,386	1,012
14-Nov	6,238,004	13,618
15-Nov	6,240,521	2,517
16-Nov	6,241,760	1,239
17-Nov	6,242,661	901
18-Nov	6,262,544	19,883
19-Nov	6,275,875	13,331
20-Nov	6,283,166	7,291
21-Nov	6,286,464	3,298
22-Nov	6,288,314	1,850
23-Nov	6,295,463	7,149
24-Nov	6,300,294	4,831
25-Nov	6,303,118	2,824
26-Nov	6,304,735	1,617
27-Nov	6,306,164	1,429
28-Nov	6,306,164	0
29-Nov	6,313,197	7,033
30-Nov	6,318,812	5,615
1-Dec	6,326,167	7,355
		192,316 Gallons Discharged

Transmit report

12/01/2010 16:09
27NE03027
TC:206516

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	12-01 16:09	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			6	3	2	6	1	6	7

DATE READ
12/1/2010

SIGNATURE:

Jack Waller, Manager

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT MONTHLY RECAP - PBT5

ROUTE TO: **VP Regional Manager; Regional EHS Manager, Terminal Manager, Assistant Terminal Manager**

YEAR: **2010**

MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 FIRST OF THE MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS FOR THE MONTH OF:
January	4998751	161815
February	5160566	177417
March	5337983	123289
April	5461272	118637
May	5579909	104173
June	5684082	121740
July	5805822	71771
August	5877593	77942
September	5955535	88380
October	6043915	89936
November	6133851	0
December		0
January		

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
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6543 N. Burlington Ave.
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KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)											
11/1/2010						6	1	3	3	8	5	1

SIGNATURE: DWilson

Dustin Wilson, Assistant Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Oct	6,043,915	
2-Oct	6,047,822	3,907
3-Oct	6,048,852	1,030
4-Oct	6,049,934	1,082
5-Oct	6,052,821	2,887
6-Oct	6,060,085	7,264
7-Oct	6,064,749	4,664
8-Oct	6,069,727	4,978
9-Oct	6,074,538	4,811
10-Oct	6,082,194	7,656
11-Oct	6,092,906	10,712
12-Oct	6,094,748	1,842
13-Oct	6,102,097	7,349
14-Oct	6,102,097	0
15-Oct	6,102,097	0
16-Oct	6,102,097	0
17-Oct	6,102,097	0
18-Oct	6,102,097	0
19-Oct	6,102,097	0
20-Oct	6,102,097	0
21-Oct	6,102,097	0
22-Oct	6,102,097	0
23-Oct	6,102,097	0
24-Oct	6,102,097	0
25-Oct	6,102,184	87
26-Oct	6,112,395	10,211
27-Oct	6,123,556	11,161
28-Oct	6,127,853	4,297
29-Oct	6,131,603	3,750
30-Oct	6,133,806	2,203
31-Oct	6,133,851	45
1-Nov	6,133,851	0
		89,936 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
11-01-10	61338511

Transmit report

P.1

11/01/2010 11:30
27NE03027
TC:204174

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	11-01 11:30	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

DATE READ 11/1/2010

			6	1	3	3	8	5	1

SIGNATURE: DWilson

Dustin Wilson, Assistant Manager

KMB00010644

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
10/1/2010	6 0 4 3 9 1 5

SIGNATURE: _____

Dustin Wilson, Assistant Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Sep	5,955,535	
2-Sep	5,961,667	6,132
3-Sep	5,970,342	8,675
4-Sep	5,974,384	4,042
5-Sep	5,974,744	360
6-Sep	5,980,600	5,856
7-Sep	5,982,463	1,863
8-Sep	5,988,388	5,925
9-Sep	5,988,877	489
10-Sep	5,990,748	1,871
11-Sep	5,991,601	853
12-Sep	5,991,601	0
13-Sep	5,994,492	2,891
14-Sep	5,996,229	1,737
15-Sep	6,001,905	5,676
16-Sep	6,005,017	3,112
17-Sep	6,006,591	1,574
18-Sep	6,009,204	2,613
19-Sep	6,014,885	5,681
20-Sep	6,020,550	5,665
21-Sep	6,026,051	5,501
22-Sep	6,032,575	6,524
23-Sep	6,037,192	4,617
24-Sep	6,040,742	3,550
25-Sep	6,041,063	321
26-Sep	6,042,248	1,185
27-Sep	6,042,820	572
28-Sep	6,043,399	579
29-Sep	6,043,915	516
30-Sep	6,043,915	0
1-Oct	6,043,915	0
		88,380 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
10-01-10	60439115

Transmit report

10/01/2010 15:23
27NE03027
TC:201017

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	10-01 15:23	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

DATE READ 10/1/2010

			6	0	4	3	9	1	5

SIGNATURE:

Dustin Wilson, Assistant Manager

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)												
9/1/2010						5	9	5	5	5	3	5

SIGNATURE:

Jack Waller, Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Aug	5,877,593	
2-Aug	5,880,820	3,227
3-Aug	5,888,282	7,462
4-Aug	5,889,202	920
5-Aug	5,889,202	0
6-Aug	5,889,202	0
7-Aug	5,889,202	0
8-Aug	5,889,202	0
9-Aug	5,891,912	2,710
10-Aug	5,894,695	2,783
11-Aug	5,900,199	5,504
12-Aug	5,900,782	583
13-Aug	5,906,060	5,278
14-Aug	5,911,724	5,664
15-Aug	5,918,723	6,999
16-Aug	5,923,214	4,491
17-Aug	5,924,808	1,594
18-Aug	5,930,385	5,577
19-Aug	5,931,750	1,365
20-Aug	5,931,919	169
21-Aug	5,935,480	3,561
22-Aug	5,938,431	2,951
23-Aug	5,938,484	53
24-Aug	5,939,915	1,431
25-Aug	5,942,344	2,429
26-Aug	5,942,344	0
27-Aug	5,943,632	1,288
28-Aug	5,948,413	4,781
29-Aug	5,952,800	4,387
30-Aug	5,955,478	2,678
31-Aug	5,955,535	57
1-Sep	5,955,535	0
		77,942 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
09-01-10	5955535

Transmit report

P.1

09/03/2010 11:42
27NE03027
TC:198451

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	09-03 11:42	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			5	9	5	5	5	3	5

DATE READ 9/1/2010

SIGNATURE:

Jack Waller, Manager

KMB00010652

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
8/1/2010	5877593

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: ***Wackenhut Security***

FROM: ***Kinder Morgan Bulk Terminals, Inc. - Terminal 5***

INSTRUCTIONS: ***This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!***

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
08-01-10	5877593

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Jul	5,805,822	
2-Jul	5,805,823	1
3-Jul	5,811,633	5,810
4-Jul	5,818,839	7,206
5-Jul	5,818,839	0
6-Jul	5,822,384	3,545
7-Jul	5,828,103	5,719
8-Jul	5,829,229	1,126
9-Jul	5,832,849	3,620
10-Jul	5,837,364	4,515
11-Jul	5,841,598	4,234
12-Jul	5,845,386	3,788
13-Jul	5,851,797	6,411
14-Jul	5,856,776	4,979
15-Jul	5,858,144	1,368
16-Jul	5,858,945	801
17-Jul	5,859,100	155
18-Jul	5,859,100	0
19-Jul	5,859,100	0
20-Jul	5,861,549	2,449
21-Jul	5,863,208	1,659
22-Jul	5,865,477	2,269
23-Jul	5,866,454	977
24-Jul	5,866,454	0
25-Jul	5,866,454	0
26-Jul	5,866,455	1
27-Jul	5,866,469	14
28-Jul	5,869,396	2,927
29-Jul	5,873,977	4,581
30-Jul	5,877,531	3,554
31-Jul	5,877,593	62
1-Aug	5,877,593	0
		71,771 Gallons Discharged

Transmit report

08/03/2010 08:26
27NE03027
TC:193711

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	08-03 08:25	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5558

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			5	8	7	7	5	9	3

DATE READ
8/1/2010

SIGNATURE:

Jack Waller, Manager

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
7/1/2010	5 8 0 5 8 2 2

SIGNATURE: Jack Waller

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
07-01-10	5805822

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Jun	5,684,082	
2-Jun	5,691,012	6,930
3-Jun	5,699,397	8,385
4-Jun	5,705,754	6,357
5-Jun	5,715,028	9,274
6-Jun	5,723,524	8,496
7-Jun	5,738,169	14,645
8-Jun	5,749,104	10,935
9-Jun	5,758,448	9,344
10-Jun	5,766,238	7,790
11-Jun	5,768,906	2,668
12-Jun	5,768,914	8
13-Jun	5,771,799	2,885
14-Jun	5,780,349	8,550
15-Jun	5,784,507	4,158
16-Jun	5,792,366	7,859
17-Jun	5,794,348	1,982
18-Jun	5,795,077	729
19-Jun	5,801,937	6,860
20-Jun	5,802,205	268
21-Jun	5,802,205	0
22-Jun	5,803,610	1,405
23-Jun	5,803,610	0
24-Jun	5,803,657	47
25-Jun	5,803,657	0
26-Jun	5,803,657	0
27-Jun	5,803,657	0
28-Jun	5,803,657	0
29-Jun	5,803,657	0
30-Jun	5,805,822	2,165
1-Jul	5,805,822	0
		121,740 Gallons Discharged

Transmit report

P.1

07/01/2010 15:34
27NE03027
TC:190058

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	07-01 15:34	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
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S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 077010250 4
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

DATE READ 6/1/2010

			5	8	0	5	8	2	2

SIGNATURE:

Jack Waller, Manager

KMB00010660

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
6/1/2010	5 6 8 4 0 8 2

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
06-01-10	5684082

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-May	5,579,909	
2-May	5,579,909	0
3-May	5,586,082	6,173
4-May	5,588,187	2,105
5-May	5,591,583	3,396
6-May	5,591,583	0
7-May	5,591,673	90
8-May	5,599,949	8,276
9-May	5,606,576	6,627
10-May	5,613,931	7,355
11-May	5,613,980	49
12-May	5,614,760	780
13-May	5,615,895	1,135
14-May	5,615,919	24
15-May	5,615,935	16
16-May	5,615,935	0
17-May	5,616,360	425
18-May	5,624,906	8,546
19-May	5,636,298	11,392
20-May	5,648,037	11,739
21-May	5,660,787	12,750
22-May	5,663,654	2,867
23-May	5,664,550	896
24-May	5,665,780	1,230
25-May	5,667,778	1,998
26-May	5,669,677	1,899
27-May	5,671,987	2,310
28-May	5,671,992	5
29-May	5,671,992	0
30-May	5,680,292	8,300
31-May	5,682,786	2,494
1-Jun	5,684,082	1,296
		104,173

Calibration by Measure Tech

Gallons Discharged

Transmit report

P.1

06/01/2010 13:40
27NE03027
TC:186759

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	06-01 13:40	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

DATE READ 6/1/2010

			5	6	8	4	0	8	2

SIGNATURE:

Jack Waller, Manager

KMB00010664

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)											
5/1/2010						5	5	7	9	9	0	9

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
May 1, 2010	5579909

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Apr	5,461,272	
2-Apr	5,461,272	0
3-Apr	5,461,272	0
4-Apr	5,461,276	4
5-Apr	5,463,483	2,207
6-Apr	5,471,161	7,678
7-Apr	5,478,084	6,923
8-Apr	5,483,033	4,949
9-Apr	5,490,892	7,859
10-Apr	5,499,055	8,163
11-Apr	5,506,169	7,114
12-Apr	5,512,075	5,906
13-Apr	5,512,814	739
14-Apr	5,512,814	0
15-Apr	5,518,195	5,381
16-Apr	5,526,643	8,448
17-Apr	5,530,993	4,350
18-Apr	5,537,804	6,811
19-Apr	5,538,152	348
20-Apr	5,541,885	3,733
21-Apr	5,542,327	442
22-Apr	5,543,481	1,154
23-Apr	5,548,760	5,279
24-Apr	5,554,292	5,532
25-Apr	5,556,938	2,646
26-Apr	5,556,938	0
27-Apr	5,564,315	7,377
28-Apr	5,569,835	5,520
29-Apr	5,571,713	1,878
30-Apr	5,572,934	1,221
1-May	5,579,909	6,975
		118,637 Gallons Discharged

Transmit report

05/03/2010 09:10
27NE03027
TC:184958

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	05-03 09:10	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO:

ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			5	5	7	9	9	0	9

DATE READ
5/1/2010

SIGNATURE:

Jack Waller, Manager

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)											
4/1/2010						5	4	6	1	2	7	2

SIGNATURE:

Jack Waller, Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Mar	5,337,983	
2-Mar	5,337,983	0
3-Mar	5,339,871	1,888
4-Mar	5,340,479	608
5-Mar	5,346,676	6,197
6-Mar	5,352,855	6,179
7-Mar	5,354,099	1,244
8-Mar	5,355,497	1,398
9-Mar	5,357,211	1,714
10-Mar	5,357,211	0
11-Mar	5,357,211	0
12-Mar	5,368,434	11,223
13-Mar	5,377,869	9,435
14-Mar	5,384,157	6,288
15-Mar	5,384,157	0
16-Mar	5,384,157	0
17-Mar	5,388,416	4,259
18-Mar	5,394,658	6,242
19-Mar	5,399,550	4,892
20-Mar	5,404,491	4,941
21-Mar	5,409,258	4,767
22-Mar	5,413,010	3,752
23-Mar	5,416,762	3,752
24-Mar	5,419,706	2,944
25-Mar	5,423,232	3,526
26-Mar	5,427,201	3,969
27-Mar	5,431,057	3,856
28-Mar	5,436,867	5,810
29-Mar	5,445,114	8,247
30-Mar	5,450,371	5,257
31-Mar	5,461,272	10,901
1-Apr	5,461,272	0
		123,289 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
04-01-2010	54612722

Transmit report

04/05/2010 10:14
27NE03027
TC:181928

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	04-05 10:13	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			5	4	6	1	2	7	2

DATE READ
4/1/2010

SIGNATURE:

Jack Waller, Manager

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
3/1/10'	5 3 3 7 9 8 3

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
03-01-2010	5337983

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Feb	5,160,566	
2-Feb	5,166,801	6,235
3-Feb	5,172,599	5,798
4-Feb	5,179,870	7,271
5-Feb	5,185,301	5,431
6-Feb	5,195,337	10,036
7-Feb	5,201,905	6,568
8-Feb	5,205,416	3,511
9-Feb	5,212,924	7,508
10-Feb	5,221,760	8,836
11-Feb	5,227,251	5,491
12-Feb	5,235,818	8,567
13-Feb	5,243,735	7,917
14-Feb	5,251,529	7,794
15-Feb	5,252,946	1,417
16-Feb	5,261,128	8,182
17-Feb	5,268,758	7,630
18-Feb	5,275,361	6,603
19-Feb	5,284,826	9,465
20-Feb	5,291,260	6,434
21-Feb	5,292,260	1,000
22-Feb	5,293,205	945
23-Feb	5,297,986	4,781
24-Feb	5,304,363	6,377
25-Feb	5,310,630	6,267
26-Feb	5,318,515	7,885
27-Feb	5,329,293	10,778
28-Feb	5,336,128	6,835
1-Mar	5,337,983	1,855
		177,417 Gallons Discharged

Transmit report

P.1

03/01/2010 12:42
27NE03027
TC:178234

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	03-01 12:42	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33997

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			5	3	3	7	9	8	3

DATE READ
3/1/10'

SIGNATURE:
Jack Waller, Manager

KMB00010676

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
2/1/10'	5 1 6 0 5 6 6

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: ***Wackenhut Security***

FROM: ***Kinder Morgan Bulk Terminals, Inc. - Terminal 5***

INSTRUCTIONS: ***This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!***

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
02-01-2010	51605566

JANUARY WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Jan	4,998,751	
2-Jan	5,000,519	1,768
3-Jan	5,000,537	18
4-Jan	5,001,292	755
5-Jan	5,011,865	10,573
6-Jan	5,018,882	7,017
7-Jan	5,019,183	301
8-Jan	5,021,272	2,089
9-Jan	5,028,451	7,179
10-Jan	5,028,927	476
11-Jan	5,028,927	0
12-Jan	5,033,244	4,317
13-Jan	5,041,649	8,405
14-Jan	5,045,931	4,282
15-Jan	5,051,148	5,217
16-Jan	5,067,230	16,082
17-Jan	5,079,474	12,244
18-Jan	5,083,703	4,229
19-Jan	5,095,067	11,364
20-Jan	5,103,671	8,604
21-Jan	5,110,321	6,650
22-Jan	5,115,410	5,089
23-Jan	5,121,517	6,107
24-Jan	5,126,062	4,545
25-Jan	5,130,035	3,973
26-Jan	5,140,002	9,967
27-Jan	5,145,847	5,845
28-Jan	5,150,962	5,115
29-Jan	5,153,945	2,983
30-Jan	5,153,945	0
31-Jan	5,154,360	415
1-Feb	5,160,566	6,206
		161,815 Gallons Discharged

Transmit report

P.1

02/01/2010 11:00
27NE03027
TC:175249

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	02-01 11:00	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			5	1	6	0	5	6	6

DATE READ
2/1/10'

SIGNATURE:
Jack Waller, Manager

BES Sub-Meter Report-Weekly 2009

KMB00010681

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
December-27	4	9	5	8	7	8	4
December-28	4	9	6	8	6	1	1
December-29	4	9	7	3	5	6	4
December-30	4	9	7	8	2	8	1
December-31	4	9	8	3	4	4	4
January 1, 2010	4	9	9	8	7	5	1
January 2, 2010	5	0	0	0	5	1	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS							
December- 20		4	9	1	7	1	9	0
December- 21		4	9	2	4	2	1	3
December- 22		4	9	3	0	4	6	3
December- 23		4	9	3	7	0	7	6
December- 24		4	9	4	3	8	8	0
December- 25		4	9	4	9	9	1	7
December- 26		4	9	5	8	1	6	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
December-13	4	8	5	6	4	3	3
December-14	4	8	5	6	4	4	9
December-15	4	8	6	1	4	8	2
December-16	4	8	7	9	8	9	1
December-17	4	8	8	9	8	6	5
December-18	4	9	0	0	9	9	8
December-19	4	9	1	1	1	8	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
December-06	4	8	5	1	1	1	6
December-07	4	8	5	4	0	9	2
December-08	4	8	5	5	2	0	8
December-09	4	8	5	6	4	3	3
December-10	4	8	5	6	4	3	3
December-11	4	8	5	6	4	3	3
December-12	4	8	5	6	4	3	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
November-29	4	8	3	2	2	3	8
November-30	4	8	3	2	2	3	8
December-01	4	8	4	0	3	0	1
December-02	4	8	4	3	1	3	3
December-03	4	8	4	3	2	0	3
December-04	4	8	4	4	3	7	5
December-05	4	8	5	1	1	0	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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GUARDS

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
November – 22	4	8	0	7	4	2	5
November – 23	4	8	1	2	6	3	8
November – 24	4	8	1	2	6	3	8
November – 25	4	8	1	3	1	5	3
November – 26	4	8	2	2	1	9	7
November – 27	4	8	3	2	2	3	8
November – 28	4	8	3	2	2	3	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10 :00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
November - 15	4	7	7	2	8	3	1
November - 16	4	7	7	4	7	2	2
November - 17	4	7	8	3	2	7	8
November - 18	4	7	8	7	3	6	7
November - 19	4	7	8	8	1	8	6
November - 20	4	7	9	3	0	3	0
November - 21	4	7	9	3	8	9	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
November- 08	4	7	3	4	0	8	1
November- 09	4	7	4	2	9	4	3
November- 10	4	7	5	3	0	9	6
November- 11	4	7	6	3	7	0	6
November- 12	4	7	6	9	5	8	8
November- 13	4	7	6	9	7	4	2
November- 14	4	7	7	1	4	1	5

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
November-01	4	6	9	8	7	5	2
November-02	4	7	0	0	2	4	6
November-03	4	7	0	1	3	5	0
November-04	4	7	0	2	7	9	4
November-05	4	7	0	3	1	5	3
November-06	4	7	0	9	7	1	9
November-07	4	7	1	7	3	6	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
October- 25	4	6	5	7	6	2	1
October - 26	4	6	5	8	9	6	7
October - 27	4	6	6	6	9	4	9
October - 28	4	6	7	4	9	3	4
October - 29	4	6	8	2	9	1	6
October - 30	4	6	8	7	6	1	2
October - 31	4	6	9	2	8	8	5

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
October-18	4	6	3	7	9	6	1
October-19	4	6	4	5	9	5	3
October-20	4	6	4	6	6	2	0
October-21	4	6	4	7	0	6	3
October-22	4	6	5	3	1	2	6
October-23	4	6	5	4	4	4	1
October-24	4	6	5	7	0	8	0

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS
October- 11	4 6 1 0 6 3 1
October- 12	4 6 1 2 6 0 4
October- 13	4 6 1 6 6 5 4
October- 14	4 6 2 0 3 9 3
October- 15	4 6 2 6 5 5 7
October- 16	4 6 2 6 5 5 7
October- 17	4 6 3 2 2 0 8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
October- 04	4	5	9	4	7	9	0
October- 05	4	5	9	6	4	6	5
October- 06	4	5	9	6	9	2	8
October- 07	4	6	0	0	2	2	9
October- 08	4	6	0	1	1	4	8
October- 09	4	6	0	1	2	0	3
October- 10	4	6	0	5	9	6	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
September - 27	4	5	7	8	0	6	8
September - 28	4	5	8	1	5	8	2
September - 29	4	5	8	6	0	7	5
September - 30	4	5	9	0	4	4	1
October - 01	4	5	9	1	1	9	1
October - 02	4	5	9	1	3	3	5
October - 03	4	5	9	3	7	5	0

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS							
September - 20	4	5	7	4	5	4	8	
September - 21	4	5	7	4	7	3	8	
September - 22	4	5	7	4	8	6	1	
September - 23	4	5	7	6	3	9	4	
September - 24	4	5	7	6	5	2	9	
September - 25	4	5	7	7	0	3	1	
September - 26	4	5	7	7	2	5	2	

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS
September - 13	4573050
September - 14	4573213
September - 15	4573242
September - 16	4573439
September - 17	4573468
September - 18	4573896
September - 19	4573130

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
August - 30	4	5	2	7	5	8	0
August - 31	4	5	3	1	9	4	5
September - 01	4	5	3	5	6	7	1
September - 02	4	5	3	9	9	6	5
September - 03	4	5	4	3	7	3	9
September - 04	4	5	4	8	0	6	2
September - 05	4	5	5	3	1	2	0

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
September-06	4	5	5	9	0	8	0
September-07	4	5	6	3	6	0	2
September-08	4	5	6	8	0	4	4
September-09	4	5	7	2	5	0	3
September-10	4	5	7	2	7	0	8
September-11	4	5	7	2	7	9	3
September-12	4	5	7	2	9	7	5

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
August - 23	4	5	0	4	2	8	8
August - 24	4	5	0	4	6	1	3
August - 25	4	5	0	5	9	1	4
August - 26	4	5	0	5	9	3	7
August - 27	4	5	1	2	6	4	7
August - 28	4	5	1	8	6	3	5
August - 29	4	5	2	3	2	2	1

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
August - 16	4	5	0	1	7	6	0
August - 17	4	5	0	2	2	5	4
August - 18	4	5	0	3	2	2	2
August - 19	4	5	0	3	2	2	2
August - 20	4	5	0	3	7	4	6
August - 21	4	5	0	3	7	4	6
August - 22	4	5	0	3	7	9	8

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
August - 09	4	4	9	0	8	1	9
August - 10	4	4	9	0	8	1	9
August - 11	4	4	9	1	1	8	8
August - 12	4	4	9	1	1	8	8
August - 13	4	4	9	1	1	8	8
August - 14	4	4	9	6	7	7	6
August - 15	4	5	0	1	3	7	7

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS
August - 02	4 4 8 1 9 3 1
August - 03	4 4 8 1 9 5 9
August - 04	4 4 8 1 9 5 9
August - 05	4 4 8 2 0 2 1
August - 06	4 4 8 2 4 9 9
August - 07	4 4 8 5 2 0 0
August - 08	4 4 8 7 9 4 9

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS
July - 26	4471738
July - 27	4471804
July - 28	4476041
July - 29	4480168
July - 30	4481194
July - 31	4481558
August - 01	4481558

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2009	GALLONS							
July -	19		4	4	6	2	6	4	4
July -	20		4	4	6	2	6	4	4
July -	21		4	4	6	2	6	5	4
July -	22		4	4	6	2	8	0	7
July -	23		4	4	7	0	0	6	3
July -	24		4	4	7	1	4	7	5
July -	25		4	4	7	1	5	5	3

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
July - 12	4	4	6	1	3	3	2
July - 13	4	4	6	1	3	3	2
July - 14	4	4	6	2	3	2	8
July - 15	4	4	6	2	6	4	4
July - 16	4	4	6	2	6	4	4
July - 17	4	4	6	2	6	4	4
July - 18	4	4	6	2	6	4	4

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2009	GALLONS							
July -	05		4	4	5	8	3	9	8
July -	06		4	4	5	8	4	7	2
July -	07		4	4	5	9	0	4	4
July -	08		4	4	5	9	0	4	4
July -	09		4	4	5	9	5	5	1
July -	10		4	4	6	1	3	3	1
July -	11		4	4	6	1	3	3	2

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
June - 28	4	4	5	9	5	5	1
June - 29	4	4	5	4	7	2	1
June - 30	4	4	5	7	8	2	8
July - 01	4	4	5	7	8	9	8
July - 02	4	4	5	8	3	3	6
July - 03	4	4	5	8	3	5	1
July - 04	4	4	5	8	3	6	8

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2009	GALLONS							
June -	21		4	4	5	2	8	8	0
June -	22		4	4	5	3	3	4	8
June -	23		4	4	5	3	3	5	2
June -	24		4	4	5	3	9	3	6
June -	25		4	4	5	3	9	3	6
June -	26		4	4	5	4	4	8	1
June -	27		4	4	5	4	5	5	1

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
June - 14	4	4	4	0	9	4	1
June - 15	4	4	4	0	9	5	7
June - 16	4	4	4	1	4	0	5
June - 17	4	4	4	1	4	1	9
June - 18	4	4	4	2	7	5	3
June - 19	4	4	4	8	3	9	0
June - 20	4	4	5	2	8	1	9

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS
June - 07	4439167
June - 08	4439168
June - 09	4439512
June - 10	4439514
June - 11	4440452
June - 12	4440896
June - 13	4409[illegible]1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2009	GALLONS							
May -	31		4	4	1	3	6	6	5
June -	01		4	4	1	3	6	6	5
June -	02		4	4	2	9	6	9	8
June -	03		4	4	3	4	7	7	3
June -	04		4	4	3	5	1	3	7
June -	05		4	4	3	8	0	7	4
June -	06		4	4	3	9	0	8	6

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
May - 24	4	4	1	2	4	9	2
May - 25	4	4	1	2	9	6	5
May - 26	4	4	1	3	6	6	5
May - 27	4	4	1	3	6	6	5
May - 28	4	4	1	3	6	6	5
May - 29	4	4	1	3	6	6	5
May - 30	4	4	1	3	6	6	5

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
May - 17	4	3	6	3	1	3	1
May - 18	4	3	6	3	2	5	8
May - 19	4	3	6	6	2	9	5
May - 20	4	3	7	8	1	9	8
May - 21	4	3	8	0	9	9	2
May - 22	4	3	8	9	8	7	8
May - 23	4	4	0	5	9	0	1

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
May - 10	4	3	5	4	3	2	6
May - 11	4	3	5	4	3	2	6
May - 12	4	3	5	4	9	4	2
May - 13	4	3	5	6	5	7	1
May - 14	4	3	6	1	7	6	7
May - 15	4	3	6	2	6	2	0
May - 16	4	3	6	2	9	8	9

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
May- 03	4	3	4	1	4	9	0
May- 04	4	3	4	1	4	9	0
May- 05	4	3	4	6	4	4	5
May- 06	4	3	4	9	6	5	4
May- 07	4	3	5	3	9	6	0
May- 08	4	3	5	4	2	9	2
May- 09	4	3	5	4	3	2	6

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
April- 26	4	3	3	4	9	0	9
April- 27	4	3	3	4	9	1	0
April- 28	4	3	3	4	9	2	7
April- 29	4	3	3	4	9	3	0
April- 30	4	3	4	1	4	8	1
May- 01	4	3	4	1	4	8	1
May- 02	4	3	4	1	4	8	8

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
APRIL - 19	4	3	3	4	0	6	1
APRIL - 20	4	3	3	4	0	6	1
APRIL - 21	4	3	3	4	0	6	2
APRIL - 22	4	3	3	4	6	5	7
APRIL - 23	4	3	3	4	6	6	5
APRIL - 24	4	3	3	4	9	0	5
APRIL - 25	4	3	3	4	9	0	8

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
April - 12	4	3	1	8	5	1	7
April - 13	4	3	2	2	0	8	7
April - 14	4	3	2	2	8	2	9
April - 15	4	3	2	2	8	2	9
April - 16	4	3	2	2	8	2	9
April - 17	4	3	2	4	1	3	3
April - 18	4	3	3	2	6	1	0

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	2009	GALLONS							
APRIL-	05		4	2	9	9	2	8	5
APRIL-	06		4	3	0	1	7	1	3
APRIL-	07		4	3	0	2	7	5	2
APRIL-	08		4	3	0	9	7	1	8
APRIL-	09		4	3	1	1	9	1	4
APRIL-	10		4	3	1	8	5	1	7
APRIL-	11		4	3	1	8	5	1	7

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
March- 29	4	2	9	4	6	5	0
March- 30	4	2	9	4	6	5	0
March- 31	4	2	9	4	6	5	0
April- 01	4	2	9	4	6	5	7
April- 02	4	2	9	6	5	4	8
April- 03	4	2	9	9	2	8	5
April- 04	4	2	9	9	2	8	5

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS
March - 22	4285257
March - 23	4285257 ✓
March - 24	4288180
March - 25	4288652
March - 26	4290269
March - 27	4290638
March - 28	4290638

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
March-15	4	2	5	1	9	4	8
March-16	4	2	5	9	8	9	8
March-17	4	2	6	5	1	6	5
March-18	4	2	7	0	5	1	0
March-19	4	2	7	2	3	0	7
March-20	4	2	8	2	0	0	9
March-21	4	2	8	5	2	5	7

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
March- 08	4	2	3	5	0	2	3
March- 09	4	2	3	5	0	2	3
March- 10	4	2	3	5	3	0	5
March- 11	4	2	4	1	8	7	8
March- 12	4	2	4	5	3	0	3
March- 13	4	2	4	5	3	1	1
March- 14	4	2	5	1	9	4	8

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
March - 01	4	2	0	9	2	6	8
March - 02	4	2	1	0	4	6	6
March - 03	4	2	1	6	6	9	7
March - 04	4	2	1	6	6	9	7
March - 05	4	2	1	9	8	9	7
March - 06	4	2	2	5	2	3	8
March - 07	4	2	3	0	8	8	3

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
February - 22	4	2	0	0	4	3	3
February - 23	4	2	0	0	4	3	3
February - 24	4	2	0	4	8	9	0
February - 25	4	2	0	7	4	3	5
February - 26	4	2	0	7	7	9	3
February - 27	4	2	0	8	8	5	1
February - 28	4	2	0	9	2	6	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
February - 15	4	2	0	0	0	6	6
February - 16	4	2	0	0	0	6	6
February - 17	4	2	0	0	0	6	6
February - 18	4	2	0	0	0	6	6
February - 19	4	2	0	0	4	3	3
February - 20	4	2	0	0	4	3	3
February - 21	4	2	0	0	4	3	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
February-08	4	1	9	6	8	0	6
February-09	4	1	9	6	8	0	6
February-10	4	1	9	7	8	6	9
February-11	4	1	9	8	9	7	4
February-12	4	2	0	0	0	6	6
February-13	4	2	0	0	0	6	6
February-14	4	2	0	0	0	6	6

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
February - 01	4	1	8	3	8	4	7
February - 02	4	1	8	3	8	4	7
February - 03	4	1	8	5	8	6	0
February - 04	4	1	8	6	9	7	8
February - 05	4	1	9	4	6	7	2
February - 06	4	1	9	6	5	2	8
February - 07	4	1	9	6	5	2	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
January – 25	4	1	7	3	7	9	7
January – 26	4	1	7	4	4	0	5
January – 27	4	1	7	4	4	0	5
January – 28	4	1	7	6	0	3	6
January – 29	4	1	7	6	0	3	6
January – 30	4	1	7	6	0	3	6
January – 31	4	1	8	2	8	8	5

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
January - 18	4	1	3	4	7	3	4
January - 19	4	1	4	1	3	5	6
January - 20	4	1	4	7	5	2	1
January - 21	4	1	5	3	4	2	3
January - 22	4	1	5	4	3	8	5
January - 23	4	1	6	1	9	0	5
January - 24	4	1	7	0	3	5	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
January-11	4	1	1	7	7	4	7
January-12	4	1	1	8	6	3	8
January-13	4	1	2	0	1	8	2
January-14	4	1	2	0	9	3	6
January-15	4	1	2	1	7	0	5
January-16	4	1	2	2	0	6	8
January-17	4	1	2	9	0	8	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2009	GALLONS						
January - 04	4	0	4	2	7	5	7
January - 05	4	0	5	8	7	7	9
January - 06	4	0	8	0	7	8	1
January - 07	4	0	9	4	2	6	6
January - 08	4	1	1	0	5	7	8
January - 09	4	1	1	1	1	4	3
January - 10	4	1	1	6	0	2	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
12-28	3	9	2	5	8	7	6
12-29	3	9	3	3	8	5	6
12-30	3	9	4	4	5	8	3
12-31	3	9	5	8	7	2	2
01-01-09	3	9	7	3	7	1	8
01-02-09	4	0	1	7	6	8	9
01-03-09	4	0	3	2	2	7	8

BES Sub-Meter Report–Monthly 2009

KMB00010735

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT MONTHLY RECAP - PBT5

ROUTE TO: **VP Regional Manager; Regional EHS Manager, Terminal Manager, Assistant Terminal Manager**

YEAR: **2009**

MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 FIRST OF THE MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS FOR THE MONTH OF:
January	3973718	210129
February	4183847	25421
March	4209268	85389
April	4294657	46824
May	4341481	72184
June	4413665	44233
July	4457898	23660
August	4481558	54113
September	4535671	55520
October	4591191	107561
November	4698752	141549
December	4840301	158450
January	4998751	

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
1/1/10'	4998751

SIGNATURE:

Jack Waller, Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
01-01-2010	4999875 1

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Dec	4,840,301	
2-Dec	4,843,133	2,832
3-Dec	4,843,203	70
4-Dec	4,844,375	1,172
5-Dec	4,851,109	6,734
6-Dec	4,851,116	7
7-Dec	4,854,092	2,976
8-Dec	4,855,208	1,116
9-Dec	4,856,433	1,225
10-Dec	4,856,433	0
11-Dec	4,856,433	0
12-Dec	4,856,433	0
13-Dec	4,856,433	0
14-Dec	4,856,449	16
15-Dec	4,861,482	5,033
16-Dec	4,879,891	18,409
17-Dec	4,889,865	9,974
18-Dec	4,900,998	11,133
19-Dec	4,911,181	10,183
20-Dec	4,917,190	6,009
21-Dec	4,924,213	7,023
22-Dec	4,930,463	6,250
23-Dec	4,937,076	6,613
24-Dec	4,943,880	6,804
25-Dec	4,949,917	6,037
26-Dec	4,958,169	8,252
27-Dec	4,958,784	615
28-Dec	4,968,611	9,827
29-Dec	4,973,564	4,953
30-Dec	4,978,281	4,717
31-Dec	4,983,444	5,163
1-Jan	4,998,751	15,307
		158,450 Gallons Discharged

Transmit report

P.1

01/04/2010 11:53
27NE03027
TC:173146

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	01-04 11:53	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			4	9	9	8	7	5	1

DATE READ
1/1/10'

SIGNATURE:

Jack Waller, Manager

KMB00010740

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
12/01/09	4840301

SIGNATURE: Jack Waller

Jack Waller, Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Nov	4,698,752	
2-Nov	4,700,246	1,494
3-Nov	4,701,350	1,104
4-Nov	4,702,794	1,444
5-Nov	4,703,153	359
6-Nov	4,709,719	6,566
7-Nov	4,717,368	7,649
8-Nov	4,734,081	16,713
9-Nov	4,742,943	8,862
10-Nov	4,753,096	10,153
11-Nov	4,763,706	10,610
12-Nov	4,769,588	5,882
13-Nov	4,769,742	154
14-Nov	4,771,415	1,673
15-Nov	4,772,831	1,416
16-Nov	4,774,722	1,891
17-Nov	4,783,278	8,556
18-Nov	4,787,367	4,089
19-Nov	4,788,186	819
20-Nov	4,793,030	4,844
21-Nov	4,793,898	868
22-Nov	4,807,425	13,527
23-Nov	4,812,638	5,213
24-Nov	4,812,638	0
25-Nov	4,813,153	515
26-Nov	4,822,197	9,044
27-Nov	4,832,238	10,041
28-Nov	4,832,238	0
29-Nov	4,832,238	0
30-Nov	4,832,238	0
1-Dec	4,840,301	8,063
		141,549 Gallons Discharged

Dec.
-1-

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
12-01-09	4840301

Transmit report

P.1

12/01/2009 11:38
27NE03027
TC:170406

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	12-01 11:38	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			4	8	4	0	3	0	1

DATE READ
12/01/09

SIGNATURE:

Jack Waller, Manager

KMB00010745

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
11/01/09	4698752

SIGNATURE:

Jack Waller, Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Oct	4,591,191	
2-Oct	4,591,335	144
3-Oct	4,593,750	2,415
4-Oct	4,594,790	1,040
5-Oct	4,596,465	1,675
6-Oct	4,596,928	463
7-Oct	4,600,229	3,301
8-Oct	4,601,148	919
9-Oct	4,601,203	55
10-Oct	4,605,963	4,760
11-Oct	4,610,631	4,668
12-Oct	4,612,604	1,973
13-Oct	4,616,654	4,050
14-Oct	4,620,393	3,739
15-Oct	4,626,557	6,164
16-Oct	4,626,557	0
17-Oct	4,632,208	5,651
18-Oct	4,637,961	5,753
19-Oct	4,645,953	7,992
20-Oct	4,646,620	667
21-Oct	4,647,063	443
22-Oct	4,653,126	6,063
23-Oct	4,654,441	1,315
24-Oct	4,657,080	2,639
25-Oct	4,657,621	541
26-Oct	4,658,967	1,346
27-Oct	4,666,949	7,982
28-Oct	4,674,934	7,985
29-Oct	4,682,916	7,982
30-Oct	4,687,612	4,696
31-Oct	4,692,885	5,273
1-Nov	4,698,752	5,867
		107,561 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
11-01-09	4698752

Transmit report

P.1

11/02/2009 10:50
27NE03027
TC:168867

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	11-02 10:50	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

DATE READ 11/01/09

			4	6	9	8	7	5	2

SIGNATURE:

Jack Waller, Manager

KMB00010749

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
10/01/09	4591191

SIGNATURE:

Jack Waller, Manager

Transmit report

P.1

10/01/2009 09:25
27NE03027
TC:167183

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	10-01 09:24	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

DATE READ 10/01/09

			4	5	9	1	1	9	1

SIGNATURE:

Jack Waller, Manager

KMB00010751

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
10-01-09	4591191

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Sep	4,535,671	
2-Sep	4,539,965	4,294
3-Sep	4,543,739	3,774
4-Sep	4,548,062	4,323
5-Sep	4,553,120	5,058
6-Sep	4,559,080	5,960
7-Sep	4,563,602	4,522
8-Sep	4,568,044	4,442
9-Sep	4,572,503	4,459
10-Sep	4,572,708	205
11-Sep	4,572,793	85
12-Sep	4,572,975	182
13-Sep	4,573,050	75
14-Sep	4,573,213	163
15-Sep	4,573,242	29
16-Sep	4,573,439	197
17-Sep	4,573,468	29
18-Sep	4,573,896	428
19-Sep	4,574,130	234
20-Sep	4,574,548	418
21-Sep	4,574,738	190
22-Sep	4,574,861	123
23-Sep	4,576,394	1,533
24-Sep	4,576,529	135
25-Sep	4,577,031	502
26-Sep	4,577,252	221
27-Sep	4,578,068	816
28-Sep	4,581,582	3,514
29-Sep	4,586,075	4,493
30-Sep	4,590,441	4,366
1-Oct	4,591,191	750
		55,520 Gallons Discharged

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)											
09/01/09						4	5	3	5	6	7	1

SIGNATURE:

Neil Maunu, Assistant Manager

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Aug	4,481,558	
2-Aug	4,481,931	373
3-Aug	4,481,959	28
4-Aug	4,481,959	0
5-Aug	4,482,021	62
6-Aug	4,482,499	478
7-Aug	4,485,200	2,701
8-Aug	4,487,949	2,749
9-Aug	4,490,819	2,870
10-Aug	4,490,819	0
11-Aug	4,491,188	369
12-Aug	4,491,188	0
13-Aug	4,491,188	0
14-Aug	4,496,776	5,588
15-Aug	4,501,377	4,601
16-Aug	4,501,760	383
17-Aug	4,502,254	494
18-Aug	4,503,222	968
19-Aug	4,503,222	0
20-Aug	4,503,746	524
21-Aug	4,503,746	0
22-Aug	4,503,998	252
23-Aug	4,504,288	290
24-Aug	4,504,613	325
25-Aug	4,505,914	1,301
26-Aug	4,505,937	23
27-Aug	4,512,647	6,710
28-Aug	4,518,635	5,988
29-Aug	4,523,221	4,586
30-Aug	4,527,580	4,359
31-Aug	4,531,945	4,365
1-Sep	4,535,671	3,726
		54,113 Gallons Discharged

Transmit report

09/01/2009 10:00
27NE03027
TC:165503

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	09-01 10:00	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
11550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			4	5	3	5	6	7	1

DATE READ
09/01/09

SIGNATURE:

Neil Maurnu, Assistant Manager

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
09-01-09	4535671

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
08/01/09	4 4 8 1 5 5 8

SIGNATURE:

JACK WALLER, MANAGER

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
08-01-09	44815558

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Jul	4,457,898	
2-Jul	4,458,336	438
3-Jul	4,458,351	15
4-Jul	4,458,368	17
5-Jul	4,458,398	30
6-Jul	4,458,472	74
7-Jul	4,459,044	572
8-Jul	4,459,044	0
9-Jul	4,459,551	507
10-Jul	4,461,331	1,780
11-Jul	4,461,332	1
12-Jul	4,461,332	0
13-Jul	4,461,332	0
14-Jul	4,462,328	996
15-Jul	4,462,644	316
16-Jul	4,462,644	0
17-Jul	4,462,644	0
18-Jul	4,462,644	0
19-Jul	4,462,644	0
20-Jul	4,462,644	0
21-Jul	4,462,654	10
22-Jul	4,462,807	153
23-Jul	4,470,063	7,256
24-Jul	4,471,475	1,412
25-Jul	4,471,553	78
26-Jul	4,471,738	185
27-Jul	4,471,804	66
28-Jul	4,476,041	4,237
29-Jul	4,480,168	4,127
30-Jul	4,481,194	1,026
31-Jul	4,481,558	364
1-Aug	4,481,558	0
		23,660 Gallons Discharged

Transmit report

P.1

08/03/2009 11:17
27NE03027
TC:163303

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	08-03 11:17	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

				4	4	8	1	5	5	8

DATE READ
08/01/09

SIGNATURE:

JACK WALLER, MANAGER

KMB00010761

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)											
07/01/09						4	4	5	7	8	9	8

SIGNATURE:

JACK WALLER, MANAGER

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
07-01-09	4457898

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Jun	4,413,665	
2-Jun	4,429,698	16,033
3-Jun	4,434,773	5,075
4-Jun	4,435,137	364
5-Jun	4,438,074	2,937
6-Jun	4,439,086	1,012
7-Jun	4,439,167	81
8-Jun	4,439,168	1
9-Jun	4,439,512	344
10-Jun	4,439,514	2
11-Jun	4,440,452	938
12-Jun	4,440,896	444
13-Jun	4,440,901	5
14-Jun	4,440,941	40
15-Jun	4,440,957	16
16-Jun	4,441,405	448
17-Jun	4,441,419	14
18-Jun	4,442,753	1,334
19-Jun	4,448,390	5,637
20-Jun	4,452,819	4,429
21-Jun	4,452,880	61
22-Jun	4,453,348	468
23-Jun	4,453,352	4
24-Jun	4,453,936	584
25-Jun	4,453,936	0
26-Jun	4,454,481	545
27-Jun	4,454,551	70
28-Jun	4,454,551	0
29-Jun	4,454,721	170
30-Jun	4,457,828	3,107
1-Jul	4,457,898	70
		44,233 Gallons Discharged

Transmit report

07/07/2009 07:19
27NE03027
TC:161011

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	07-07 07:19	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			4	4	5	7	8	9	8

DATE READ
07/01/09

SIGNATURE:

JACK WALLER, MANAGER

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)											
06/01/09						4	4	1	3	6	6	5

SIGNATURE:

JACK WALLER, MANAGER

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-May	4,341,481	
2-May	4,341,488	7
3-May	4,341,490	2
4-May	4,341,490	0
5-May	4,346,445	4,955
6-May	4,349,654	3,209
7-May	4,353,960	4,306
8-May	4,354,292	332
9-May	4,354,326	34
10-May	4,354,326	0
11-May	4,354,326	0
12-May	4,354,942	616
13-May	4,356,571	1,629
14-May	4,361,767	5,196
15-May	4,362,620	853
16-May	4,362,989	369
17-May	4,363,131	142
18-May	4,363,258	127
19-May	4,366,295	3,037
20-May	4,378,198	11,903
21-May	4,380,992	2,794
22-May	4,389,878	8,886
23-May	4,405,901	16,023
24-May	4,412,492	6,591
25-May	4,412,965	473
26-May	4,413,665	700
27-May	4,413,665	0
28-May	4,413,665	0
29-May	4,413,665	0
30-May	4,413,665	0
31-May	4,413,665	0
1-Jun	4,413,665	0

72,184 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
June 1, 2009	4413665

Transmit report

P.1

06/03/2009 09:23
27NE03027
TC:158306

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	06-03 09:23	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			4	4	1	3	6	6	5

DATE READ
06/01/09

SIGNATURE:

JACK WALLER, MANAGER

KMB00010769

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
05/01/09	4 3 4 1 4 8 1

SIGNATURE: _____

JACK WALLER, MANAGER

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
05-01-09	4341481

Transmit report

P.1

05/04/2009 07:49
27NE03027
TC:156459

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	05-04 07:49	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			4	3	4	1	4	8	1

DATE READ
05/01/09

SIGNATURE:

JACK WALLER, MANAGER

KMB00010772

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Apr	4,294,657	
2-Apr	4,296,548	1,891
3-Apr	4,299,285	2,737
4-Apr	4,299,285	0
5-Apr	4,299,285	0
6-Apr	4,301,713	2,428
7-Apr	4,302,752	1,039
8-Apr	4,309,718	6,966
9-Apr	4,311,914	2,196
10-Apr	4,318,517	6,603
11-Apr	4,318,517	0
12-Apr	4,318,517	0
13-Apr	4,322,087	3,570
14-Apr	4,322,829	742
15-Apr	4,322,829	0
16-Apr	4,322,829	0
17-Apr	4,324,133	1,304
18-Apr	4,332,610	8,477
19-Apr	4,334,061	1,451
20-Apr	4,334,061	0
21-Apr	4,334,062	1
22-Apr	4,334,657	595
23-Apr	4,334,665	8
24-Apr	4,334,905	240
25-Apr	4,334,908	3
26-Apr	4,334,909	1
27-Apr	4,334,910	1
28-Apr	4,334,927	17
29-Apr	4,334,930	3
30-Apr	4,341,481	6,551
1-May	4,341,481	0
		46,824 Gallons Discharged

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
04/01/09	4294657

SIGNATURE:

JACK WALLER, MANAGER

Transmit report

04/01/2009 10:09
27NE03027
TC:153963

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	04-01 10:09	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

				4	2	9	4	6	5	7

DATE READ
04/01/09

SIGNATURE:

JACK WALLER, MANAGER

KMB00010775

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
04-01-09	4294657

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Mar	4,209,268	
2-Mar	4,210,466	1,198
3-Mar	4,216,697	6,231
4-Mar	4,216,697	0
5-Mar	4,219,897	3,200
6-Mar	4,225,238	5,341
7-Mar	4,230,883	5,645
8-Mar	4,235,023	4,140
9-Mar	4,235,023	0
10-Mar	4,235,305	282
11-Mar	4,241,878	6,573
12-Mar	4,245,303	3,425
13-Mar	4,245,311	8
14-Mar	4,251,948	6,637
15-Mar	4,251,948	0
16-Mar	4,259,898	7,950
17-Mar	4,265,165	5,267
18-Mar	4,270,510	5,345
19-Mar	4,272,307	1,797
20-Mar	4,282,009	9,702
21-Mar	4,285,257	3,248
22-Mar	4,285,257	0
23-Mar	4,285,257	0
24-Mar	4,288,180	2,923
25-Mar	4,288,652	472
26-Mar	4,290,269	1,617
27-Mar	4,290,638	369
28-Mar	4,290,638	0
29-Mar	4,294,650	4,012
30-Mar	4,294,650	0
31-Mar	4,294,650	0
1-Apr	4,294,657	7
		85,389 Gallons Discharged

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT MONTHLY RECAP - PBT5

ROUTE TO: **VP Regional Manager; Regional EHS Manager, Terminal Manager, Assistant Terminal Manager**

YEAR: **2009**

MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 FIRST OF THE MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS FOR THE MONTH OF:
January	3973718	210129
February	4183847	25421
March	4209268	85389
April	4294657	0
May		0
June		0
July		0
August		0
September		0
October		0
November		0
December		0
January		

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
03/01/09	4 2 0 9 2 6 8

SIGNATURE:

JACK WALLER, MANAGER

MAR.
-01-

KMB00010780

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!*

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
03-01-09	42092618

Transmit report

P.1
03/03/2009 12:20
27NE03027
TC:150865

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	03-03 12:20	00:00 23	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

DATE READ
03/01/09

			4	2	0	9	2	6	8

SIGNATURE:

JACK WALLER, MANAGER

KMB00010782

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Feb	4,183,847	
2-Feb	4,183,847	0
3-Feb	4,185,860	2,013
4-Feb	4,186,978	1,118
5-Feb	4,194,672	7,694
6-Feb	4,196,528	1,856
7-Feb	4,196,528	0
8-Feb	4,196,806	278
9-Feb	4,196,806	0
10-Feb	4,197,869	1,063
11-Feb	4,198,974	1,105
12-Feb	4,200,066	1,092
13-Feb	4,200,066	0
14-Feb	4,200,066	0
15-Feb	4,200,066	0
16-Feb	4,200,066	0
17-Feb	4,200,066	0
18-Feb	4,200,066	0
19-Feb	4,200,433	367
20-Feb	4,200,433	0
21-Feb	4,200,433	0
22-Feb	4,200,433	0
23-Feb	4,200,433	0
24-Feb	4,204,890	4,457
25-Feb	4,207,435	2,545
26-Feb	4,207,793	358
27-Feb	4,208,851	1,058
28-Feb	4,209,268	417
29-Feb		0
1-Mar		0
		25,421 Gallons Discharged

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
02/01/09	4 1 8 3 8 4 7

SIGNATURE:

JACK WALLER, MANAGER

Transmit report

P.1

02/02/2009 15:43
27NE03027
TC:147022

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	02-02 15:43	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			4	1	8	3	8	4	7

DATE READ
02/01/09

SIGNATURE:

JACK WALLER, MANAGER

KMB00010785

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: ***Wackenhut Security***

FROM: ***Kinder Morgan Bulk Terminals, Inc. - Terminal 5***

INSTRUCTIONS: ***This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!***

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
02-01-09	41838477

JANUARY WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Jan	3,973,718	
2-Jan	4,017,689	43,971
3-Jan	4,032,278	14,589
4-Jan	4,042,757	10,479
5-Jan	4,058,779	16,022
6-Jan	4,080,781	22,002
7-Jan	4,094,266	13,485
8-Jan	4,110,578	16,312
9-Jan	4,111,143	565
10-Jan	4,116,021	4,878
11-Jan	4,117,747	1,726
12-Jan	4,118,638	891
13-Jan	4,120,182	1,544
14-Jan	4,120,936	754
15-Jan	4,121,705	769
16-Jan	4,122,068	363
17-Jan	4,129,089	7,021
18-Jan	4,134,734	5,645
19-Jan	4,141,356	6,622
20-Jan	4,147,521	6,165
21-Jan	4,153,423	5,902
22-Jan	4,154,385	962
23-Jan	4,161,905	7,520
24-Jan	4,170,359	8,454
25-Jan	4,173,797	3,438
26-Jan	4,174,405	608
27-Jan	4,174,405	0
28-Jan	4,176,036	1,631
29-Jan	4,176,036	0
30-Jan	4,176,036	0
31-Jan	4,182,885	6,849
1-Feb	4,183,847	962

210,129 Gallons Discharged

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
01/01/09	3 9 7 3 7 1 8

SIGNATURE: Jack Waller

JACK WALLER, MANAGER

Transmit report

P.1

01/08/2009 10:32
27NE03027
TC:144091

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	01-08 10:32	00:00 24	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			3	9	7	3	7	1	8

DATE READ
01/01/09

SIGNATURE:

JACK WALLER, MANAGER

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Dec	3,809,265	
2-Dec	3,817,221	7,956
3-Dec	3,823,764	6,543
4-Dec	3,828,407	4,643
5-Dec	3,836,190	7,783
6-Dec	3,842,650	6,460
7-Dec	3,846,222	3,572
8-Dec	3,853,224	7,002
9-Dec	3,853,321	97
10-Dec	3,853,891	570
11-Dec	3,853,891	0
12-Dec	3,853,891	0
13-Dec	3,853,891	0
14-Dec	3,853,891	0
15-Dec	3,854,020	129
16-Dec	3,861,855	7,835
17-Dec	3,869,796	7,941
18-Dec	3,877,723	7,927
19-Dec	3,885,203	7,480
20-Dec	3,893,023	7,820
21-Dec	3,898,133	5,110
22-Dec	3,898,135	2
23-Dec	3,898,135	0
24-Dec	3,898,135	0
25-Dec	3,904,114	5,979
26-Dec	3,910,026	5,912
27-Dec	3,917,914	7,888
28-Dec	3,925,876	7,962
29-Dec	3,933,856	7,980
30-Dec	3,944,583	10,727
31-Dec	3,958,722	14,139
1-Jan	3,973,718	14,996
		164,453 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: ***Wackenhut Security***

FROM: ***Kinder Morgan Bulk Terminals, Inc. - Terminal 5***

INSTRUCTIONS: ***This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!***

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	**MAIN GATE (Gallons)**
01-01-09	39737718

BES Sub-Meter Report-Weekly (2008)

KMB00010792

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 10:00 a.m.*
* *Guards to submit completed weekly report to the Administrative Assistant no later than 10:00 a.m. each Monday morning*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
12-28	3	9	2	5	8	7	6
12-29	3	9	3	3	8	5	6
12-30	3	9	4	4	5	8	3
12-31	3	9	5	8	7	2	2
01-01-09	3	9	7	3	7	1	8
01-02-09	4	0	1	7	6	8	9
01-03-09	4	0	3	2	2	7	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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GUARDS

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
12-21	3	8	9	8	1	3	3
12-22	3	8	9	8	1	3	5
12-23	3	8	9	8	1	3	5
12-24	3	8	9	8	1	3	5
12-25	3	9	0	4	1	1	4
12-26	3	9	1	0	0	2	6
12-27	3	9	1	7	9	1	4

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
12-14	3	8	5	3	8	9	1
12-15	3	8	5	4	0	2	0
12-16	3	8	6	1	8	5	5
12-17	3	8	6	9	7	9	6
12-18	3	8	7	7	7	2	3
12-19	3	8	8	5	2	0	3
12-20	3	8	9	3	0	2	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
12-07	-	3	8	4	6	2	2	2
12-08		3	8	5	1	5	0	2
12-09		3	8	5	3	2	2	4
12-10		3	8	5	3	3	2	1
12-11		3	8	5	3	8	9	1
12-12		3	8	5	3	8	9	1
12-13		3	8	5	3	8	9	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
11-30	3	8	0	8	5	7	5
12-01	3	8	0	9	2	6	5
12-02	3	8	1	7	2	2	1
12-03	3	8	2	3	7	6	4
12-04	3	8	2	8	4	0	7
12-05	3	8	3	6	1	9	0
12-06	3	8	4	2	6	5	0

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
11-23	3	7	8	3	3	5	6
11-24	3	7	8	8	0	3	0
11-25	3	7	8	8	9	8	3
11-26	3	7	9	2	2	1	8
11-27	3	7	9	6	5	8	5
11-28	3	8	0	1	6	7	4
11-29	3	8	0	3	5	1	5

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
11-16	3	7	5	3	0	7	7
11-17	3	7	5	6	0	2	6
11-18	3	7	6	0	6	7	7
11-19	3	7	6	6	2	6	8
11-20	3	7	7	1	3	7	9
11-21	3	7	7	3	9	0	5
11-22	3	7	7	8	9	2	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS
11-09	3702829
11-10	3707413
11-11	3715345
11-12	3721948
11-13	3729891
11-14	3737469
11-15	3745844

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
11-02	3	6	6	3	1	2	7
11-03	3	6	6	5	6	8	8
11-04	3	6	7	1	7	0	9
11-05	3	6	7	7	5	3	0
11-06	3	6	8	3	6	1	1
11-07	3	6	8	9	2	4	7
11-08	3	6	9	6	6	5	8

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
10-26	3	6	4	0	9	8	4
10-27	3	6	4	2	5	2	0
10-28	3	6	4	7	6	9	3
10-29	3	6	5	3	3	1	7
10-30	3	6	5	6	8	5	1
10-31	3	6	5	9	1	8	6
11-01	3	6	6	0	5	4	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
10-19	3	6	0	7	4	9	1
10-20	3	6	1	1	0	5	3
10-21	3	6	1	4	3	3	8
10-22	3	6	1	9	8	3	1
10-23	3	6	2	4	4	0	3
10-24	3	6	3	0	0	8	9
10-25	3	6	3	5	3	2	7

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS							
10-12		3	5	8	3	6	8	0
10-13		3	5	8	7	6	0	5
10-14		3	5	9	1	5	8	9
10-15		3	5	9	5	5	2	6
10-16		3	5	9	9	4	6	0
10-17		3	6	0	2	5	7	1
10-18		3	6	0	6	3	4	3

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
10-05	3	5	6	0	6	9	4
10-06	3	5	6	1	0	2	2
10-07	3	5	6	6	8	3	0
10-08	3	5	7	4	1	1	0
10-09	3	5	7	6	1	5	6
10-10	3	5	7	7	9	8	9
10-11	3	5	8	0	2	8	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
09-28	3	5	3	2	2	6	7
09-29	3	5	3	7	1	6	9
09-30	3	5	4	2	0	7	6
10-01	3	5	4	6	6	9	7
10-02	3	5	5	2	0	5	0
10-03	3	5	5	5	3	8	9
10-04	3	5	5	9	7	8	7

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
09-21	3	5	0	4	0	2	7
09 22	3	5	0	7	5	3	6
09 23	3	5	1	1	0	3	3
09 24	3	5	1	3	9	1	6
09 25	3	5	1	8	2	3	5
09 26	3	5	2	1	9	7	6
09 27	3	5	2	7	3	1	2

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
09-14	3	4	7	7	5	0	7
09-15	3	4	8	2	1	1	7
09-16	3	4	8	6	0	8	5
09-17	3	4	9	0	1	6	1
09-18	3	4	9	3	1	5	9
09-19	3	4	9	7	3	3	6
09-20	3	5	0	0	6	2	9

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
09-07	3	4	4	9	7	0	0
09-08	3	4	5	4	6	8	8
09-09	3	4	5	8	9	2	5
09-10	3	4	6	3	1	6	2
09-11	3	4	6	8	1	4	0
09-12	3	4	6	8	1	4	0
09-13	3	4	7	3	7	3	1

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
08.31	3	4	2	5	0	5	6
09.01	3	4	2	5	0	5	6
09.02	3	4	2	5	0	5	6
09.03	3	4	2	8	0	5	2
09.04	3	4	3	4	0	5	9
09.05	3	4	3	8	8	2	3
09.06	3	4	4	4	3	0	2

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
08-17	3	3	9	9	0	2	0
08-18	3	3	9	9	0	2	0
08-19	3	3	9	9	0	2	0
08-20	3	3	9	9	0	2	0
08-21	3	3	9	9	0	2	0
08-22	3	3	9	9	0	2	0
08-23	3	3	9	9	0	2	0

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
08.24		3	3	9	9	0	2	0
08.25		3	4	0	5	0	3	3
08.26		3	4	1	0	1	1	9
08.27		3	4	1	4	7	0	1
08.28		3	4	1	9	7	9	9
08.29		3	4	2	2	8	7	8
08.30		3	4	2	5	0	5	6

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT MONTHLY RECAP - PBT5

ROUTE TO: **VP Regional Manager; Regional EHS Manager, Terminal Manager, Assistant Terminal Manager**

YEAR: **2008**

MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 FIRST OF THE MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS FOR THE MONTH OF:
January	2799442	90976
February	2890418	80812
March	2971230	79108
April	3050338	74069
May	3124407	78509
June	3202916	73993
July	3276909	113701
August	3390610	34446
September	3425056	121641
October	3546697	0
November		0
December		0
January		

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
08-10	3	3	9	8	9	0	4
08-11	3	3	9	8	9	0	4
08-12	3	3	9	8	9	0	4
08-13	3	3	9	9	0	2	0
08-14	3	3	9	9	0	2	0
08-15	3	3	9	9	0	2	0
08-16	3	3	9	9	0	2	0

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
08-03	3	3	9	2	3	0	3
08-04	3	3	9	2	6	7	8
08-05	3	3	9	2	6	7	8
08-06	3	3	9	2	6	7	8
08-07	3	3	9	3	4	5	6
08-08	3	3	9	5	5	8	5
08-09	3	3	9	7	6	3	1

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
07-27	3	3	8	4	2	2	9
07-28	3	3	8	6	4	4	2
07-29	3	3	8	6	4	4	2
07-30	3	3	8	6	4	4	2
07-31	3	3	8	6	4	4	2
08-01	3	3	9	0	6	1	0
08-02	3	3	9	2	1	0	1

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
07-20	3	3	6	0	6	2	3
07 21	3	3	6	0	7	1	4
07 22	3	3	6	0	7	1	4
07 23	3	3	6	1	3	2	4
07 24	3	3	6	7	5	5	1
07 25	3	3	7	3	7	6	5
07 26	3	3	8	0	1	1	7

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
07-13	3	3	3	8	9	4	5
07-14	3	3	4	3	7	8	0
07-15	3	3	5	1	7	8	2
07-16	3	3	5	6	0	5	5
07-17	3	3	6	0	4	0	3
07-18	3	3	6	0	4	3	6
07-19	3	3	6	0	5	4	1

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS							
07-06		3	3	0	2	5	9	2
07-07		3	3	0	7	1	7	5
07-08		3	3	1	3	1	7	7
07-09		3	3	1	8	1	4	7
07-10		3	3	2	2	7	5	5
07-11		3	3	2	3	2	6	3
07-12		3	3	3	4	4	1	5

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WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
06-29	3	2	7	2	2	8	3
06-30	3	2	7	4	5	9	8
07-01	3	2	7	6	9	0	9
07-02	3	2	8	1	5	3	9
07-03	3	2	8	6	1	7	4
07-04	3	2	9	2	8	1	4
07-05	3	2	9	8	0	9	8

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
06-22		3	2	5	4	1	5	0
06-23		3	2	5	8	4	4	3
06-24		3	2	6	0	7	5	3
06-25		3	2	6	3	0	5	3
06-26		3	2	6	5	3	5	1
06-27		3	2	6	7	6	6	7
06-28		3	2	6	9	9	7	3

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
06-15	3	2	4	0	1	3	2
06-16	3	2	4	2	4	0	8
06-17	3	2	4	4	6	9	4
06-18	3	2	4	7	0	0	1
06-19	3	2	4	9	2	9	6
06-20	3	2	5	1	5	8	0
06-21	3	2	5	3	8	5	1

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
06-08	3	2	2	1	7	1	3
06-09	3	2	2	4	0	0	7
06-10	3	2	2	6	3	1	3
06-11	3	2	2	8	6	1	0
06-12	3	2	3	0	9	1	4
06-13	3	2	3	3	2	1	0
06-14	3	2	3	6	6	7	8

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS							
1-Jun		3	2	0	2	9	1	6
2-Jun		3	2	0	5	2	1	5
3-Jun		3	2	0	8	8	7	2
4-Jun		3	2	1	2	5	2	9
5-Jun		3	2	1	4	8	4	0
6-Jun		3	2	1	7	1	4	3
7-Jun		3	2	1	9	4	3	3

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ - 2008 -	GALLONS							
06- 01		3	2	0	0	5	9	9
06- 02		3	2	0	2	9	1	6
06- 03		3	2	0	5	2	1	5
06- 04		3	2	1	2	5	2	9
06- 05		3	2	1	4	8	4	0
06- 06		3	2	1	7	1	4	3
06- 07		3	2	1	9	4	3	3

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ 2008	GALLONS						
05- 25	3	1	8	4	3	9	4
05- 26	3	1	8	6	7	1	4
05- 27	3	1	8	9	0	2	6
05- 28	3	1	9	3	7	1	6
05- 29	3	1	9	6	0	5	8
05- 30	3	1	9	8	3	2	8
05- 31	3	2	0	0	5	9	9

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
05-18	3	1	6	8	1	3	2
05-19	3	1	7	0	4	4	1
05-20	3	1	7	2	7	6	8
05-21	3	1	7	5	1	0	8
05-22	3	1	7	7	4	2	8
05-23	3	1	7	9	7	4	9
05-24	3	1	8	2	0	8	3

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
05-11	3	1	5	2	0	4	6
05-12	3	1	5	4	3	4	9
05-13	3	1	5	6	6	6	1
05-14	3	1	5	8	9	8	1
05-15	3	1	6	1	2	7	0
05-16	3	1	6	3	5	5	8
05-17	3	1	6	5	4	2	7

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
05-04	3	1	3	1	2	6	1
05-05	3	1	3	4	7	1	4
05-06	3	1	3	8	1	9	5
05-07	3	1	4	1	6	7	7
05-08	3	1	4	3	9	6	8
05-09	3	1	4	7	4	4	9
05-10	3	1	4	9	7	5	0

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POLYSONICS DCT 1088

DATE READ	GALLONS						
04-27	3	1	1	5	2	5	9
04-28	3	1	1	7	5	4	0
04-29	3	1	1	9	8	2	1
04-30	3	1	2	2	1	0	5
05-01	3	1	2	4	4	0	7
05-02	3	1	2	6	7	0	0
05-03	3	1	2	8	9	7	3

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
04-20	3	0	9	9	1	3	8
04-21	3	1	0	1	4	6	0
04-22	3	1	0	3	7	5	4
04-23	3	1	0	6	0	6	4
04-24	3	1	0	8	3	7	5
04-25	3	1	1	0	6	8	0
04-26	3	1	1	2	9	7	3

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POLYSONICS DCT 1088

DATE READ	GALLONS						
04-20	3	0	9	9	1	3	8
04-21	3	1	0	1	4	6	0
04-22	3	1	0	3	7	5	4
04-23	3	1	0	6	0	6	4
04-24	3	1	0	8	3	7	5
04-25	3	1	1	0	6	8	0
04-26	3	1	1	2	9	7	3

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
04-13	3	0	8	4	0	8	7
04-14	3	0	8	7	5	5	6
04-15	3	0	8	7	5	5	6
04-16	3	0	8	9	8	8	5
04-17	3	0	9	2	2	0	4
04-18	3	0	9	4	5	1	5
04-19	3	0	9	6	8	1	8

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DATE READ	GALLONS						
04-06	3	0	6	3	0	3	6
04-07	3	0	6	6	5	7	0
04-08	3	0	7	0	2	5	4
04-09	3	0	7	3	6	8	7
04-10	3	0	7	5	9	9	4
04-11	3	0	7	8	3	0	3
04-12	3	0	8	0	6	1	0

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

2008

DATE READ	GALLONS						
03-30	3	0	4	5	7	5	0
03-31	3	0	4	8	0	5	0
04-01	3	0	5	0	3	3	8
04-02	3	0	5	2	6	2	4
04-03	3	0	5	4	9	2	3
04-04	3	0	5	7	2	2	5
04-05	3	0	5	9	5	1	5

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

2008

DATE READ	GALLONS							
03-23		3	0	2	9	5	3	4
03-24		3	0	3	1	8	6	9
03-25		3	0	3	4	1	8	9
03-26		3	0	3	6	5	2	2
03-27		3	0	3	8	8	7	3
03-28		3	0	4	1	1	5	8
03-29		3	0	4	3	4	5	3

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS							
03-16		3	0	1	0	7	2	5
03-17		3	0	1	4	3	2	3
03-18		3	0	1	7	9	1	3
03-19		3	0	2	0	2	5	1
03-20		3	0	2	2	5	6	7
03-21		3	0	2	4	8	8	4
03-22		3	0	2	7	2	3	1

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
03-09	2	9	8	9	7	1	3
03-10	2	9	9	2	0	0	3
03-11	2	9	9	4	3	1	9
03-12	2	9	9	6	6	1	3
03-13	3	0	0	0	1	0	8
03-14	3	0	0	3	6	2	8
03-15	3	0	0	7	1	7	7

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DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
03-02	2	9	7	3	5	3	5
03-03	2	9	7	5	8	3	3
03-04	2	9	7	8	1	4	9
03-05	2	9	8	0	4	4	0
03-06	2	9	8	2	7	3	8
03-07	2	9	8	5	0	8	0
03-08	2	9	8	7	4	1	4

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2008

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	GALLONS						
02-24	2	9	5	7	2	2	0
02-25	2	9	5	9	5	8	9
02-26	2	9	6	1	9	4	2
02-27	2	9	6	4	3	3	3
02-28	2	9	6	6	6	3	2
02-29	2	9	6	8	9	3	1
03-01	2	9	7	1	2	3	0

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* *Guards to complete this report daily*
* *Guards to take one reading each morning promptly at 8:00 a.m.*
* *Guards to submit completed weekly report to Executive Assistant no later than 8:00 a.m. each Monday morning*

2008

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS	DATE READ	FIRE METER GALLONS
02-17	2941071		
02-18	2943379		
02-19	2945660		
02-20	2947955		
02-21	2950261		
02-22	2952567		
02-23	2954910		

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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2008

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS
02-10	2919744
02-11	2922058
02-12	2925582
02-13	2929133
02-14	2932694
02-15	2936248
02-16	2938764

DATE READ	FIRE METER GALLONS

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

* Guards to complete this report daily
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* Guards to submit completed weekly report to Executive Assistant no later than 8:00 a.m. each Monday morning

2008

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS	DATE READ	FIRE METER GALLONS
02-03	2899989		
02-04	2902286	– Annual Read - 02-04-08/PM.	
02-05	2904618		
02-06	2906939		
02-07	2909253		
02-08	2912747		
02-09	2916238		

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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2008

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS	DATE READ	FIRE METER GALLONS
01-27	2 8 7 8 8 9 2		
01-28	2 8 8 1 2 2 1		
01-29	2 8 8 3 5 3 2		
01-30	2 8 8 5 8 3 2		
01-31	2 8 8 8 1 2 8		
02-01	2 8 9 0 4 1 8		
02-02	2 8 9 3 8 9 9		

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

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* *Guards to submit completed weekly report to Executive Assistant no later than 8:00 a.m. each Monday morning*

2008

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS	DATE READ	FIRE METER GALLONS
01-20	2859198		
01-21	2861513		
01-22	2863413		
01-23	2866147		
01-24	2869662		
01-25	2873188		
01-26	2876528		

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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* *Guards to take one reading each morning promptly at 8:00 a.m.*
* *Guards to submit completed weekly report to Executive Assistant no later than 8:00 a.m. each Monday morning*

2008

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS	DATE READ	FIRE METER GALLONS
01-13	2840545		
01-14	2844046		
01-15	2847558		
01-16	2849873		
01-17	2852194		
01-18	2854543		
01-19	2856883		

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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* *Guards to submit completed weekly report to Executive Assistant no later than 8:00 a.m. each Monday morning*

2008

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS	DATE READ	FIRE METER GALLONS
01-06	2814860		
01-07	2818361		
01-08	2821819		
01-09	2825321		
01-10	2828781		
01-11	2831062		
01-12	2834535		

WEEKLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

Weekly Instructions:

GUARDS

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2007/2008

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS
12-30-07	2792467
12-31-07	2795978
01-01-08	2799442
01-02	2802980
01-03	2806557
01-04	2808895
01-05	2812356

DATE READ	FIRE METER GALLONS
12-30-07	774
12-31-07	774
01-01-08	* meter Removed — Replaced with meter plate —

BES Sub-Meter Report–Monthly (2008)

KMB00010849

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT MONTHLY RECAP - PBT5

ROUTE TO: **VP Regional Manager; Regional EHS Manager, Terminal Manager, Assistant Terminal Manager**

YEAR: **2008**

MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 FIRST OF THE MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS FOR THE MONTH OF:
January	2799442	90976
February	2890418	80812
March	2971230	79108
April	3050338	74069
May	3124407	78509
June	3202916	73993
July	3276909	113701
August	3390610	34446
September	3425056	121641
October	3546697	113844
November	3660541	148724
December	3809265	164453
January	3973718	

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT MONTHLY RECAP - PBT5

ROUTE TO: **VP Regional Manager; Regional EHS Manager, Terminal Manager, Assistant Terminal Manager**

YEAR: **2008**

MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 FIRST OF THE MONTH	DISCHARGE FLOW METER POLYSONICS DCT 1088 GALLONS FOR THE MONTH OF:
January	2799442	90976
February	2890418	80812
March	2971230	79108
April	3050338	74069
May	3124407	78509
June	3202916	73993
July	3276909	113701
August	3390610	34446
September	3425056	121641
October	3546697	113844
November	3660541	148724
December	3809265	0
January		

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
12/01/08	3809265

SIGNATURE:

JACK WALLER, TERMINAL MANAGER

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Nov	3,660,541	
2-Nov	3,663,127	2,586
3-Nov	3,665,688	2,561
4-Nov	3,671,709	6,021
5-Nov	3,677,530	5,821
6-Nov	3,683,611	6,081
7-Nov	3,689,247	5,636
8-Nov	3,696,658	7,411
9-Nov	3,702,829	6,171
10-Nov	3,707,413	4,584
11-Nov	3,715,345	7,932
12-Nov	3,721,948	6,603
13-Nov	3,729,891	7,943
14-Nov	3,737,969	8,078
15-Nov	3,745,844	7,875
16-Nov	3,753,077	7,233
17-Nov	3,756,026	2,949
18-Nov	3,760,677	4,651
19-Nov	3,766,268	5,591
20-Nov	3,771,379	5,111
21-Nov	3,773,905	2,526
22-Nov	3,778,929	5,024
23-Nov	3,783,356	4,427
24-Nov	3,788,030	4,674
25-Nov	3,788,983	953
26-Nov	3,792,218	3,235
27-Nov	3,796,585	4,367
28-Nov	3,801,674	5,089
29-Nov	3,803,515	1,841
30-Nov	3,808,575	5,060
1-Dec	3,809,265	690
		148,724 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: ***Wackenhut Security***

FROM: ***Kinder Morgan Bulk Terminals, Inc. - Terminal 5***

INSTRUCTIONS: ***This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!***

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	**MAIN GATE (Gallons)**
12-01-08	38092665

Transmit report

12/01/2008 11:52
27NE03027
TC:140406

REMOTE STATION	START	TIME	Pages	RESULT	REMARKS
5038235559	12-01 11:51	00:00 22	001/001	OK	

REMARKS TMR:Timer, POL:Poll, TRN:Turn around, 2IN:2in1 Tx, ORG:Original size set, DPG:Book Tx
FME:Frame erase Tx, MIX:Mixed original, CALL:Manual-Com, KRDS:KRDS, FWD:FORWARD
FLP:Flip Side 2, SP:Special Original
FCODE:Fcode, MBX:Confidential, BUL:Bulletin, RLY:Relay, RTX:Re-Tx, PC:PC-FAX
S-OK:Stop communication, Busy:Busy, Cont.:Continue, No ans:No answer
M-full:Memory full, PW-OFF:Power switch OFF, TEL:Rx from TEL

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DISCHARGE FLOW METER
POLYSONICS DCT 1088
MAIN GATE (Gallons)

			3	8	0	9	2	6	5

DATE READ
12/01/08

SIGNATURE:

JACK WALLER, TERMINAL MANAGER

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
11/01/08	3660541

SIGNATURE:

JACK WALLER, TERMINAL MANAGER

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: Wackenhut Security

FROM: Kinder Morgan Bulk Terminals, Inc. - Terminal 5

INSTRUCTIONS: This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
11-01-08	3660591

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Oct	3,546,697	
2-Oct	3,552,050	5,353
3-Oct	3,555,389	3,339
4-Oct	3,559,787	4,398
5-Oct	3,560,694	907
6-Oct	3,561,022	328
7-Oct	3,566,830	5,808
8-Oct	3,574,110	7,280
9-Oct	3,576,156	2,046
10-Oct	3,577,989	1,833
11-Oct	3,580,289	2,300
12-Oct	3,583,680	3,391
13-Oct	3,587,605	3,925
14-Oct	3,591,589	3,984
15-Oct	3,595,526	3,937
16-Oct	3,599,460	3,934
17-Oct	3,602,571	3,111
18-Oct	3,606,393	3,822
19-Oct	3,607,491	1,098
20-Oct	3,611,053	3,562
21-Oct	3,614,338	3,285
22-Oct	3,619,831	5,493
23-Oct	3,624,403	4,572
24-Oct	3,630,089	5,686
25-Oct	3,635,327	5,238
26-Oct	3,640,984	5,657
27-Oct	3,642,520	1,536
28-Oct	3,647,693	5,173
29-Oct	3,653,317	5,624
30-Oct	3,656,851	3,534
31-Oct	3,659,186	2,335
1-Nov	3,660,541	1,355
		113,844 Gallons Discharged

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
10/01/08	3546697

SIGNATURE:

JACK WALLER, TERMINAL MANAGER

P.01

TRANSACTION REPORT

OCT-08-08 WED 01:48 PM

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
OCT-08	01:48 PM	5038235559	21″	1	SEND	OK	201	

TOTAL : 21S PAGES: 1

REPORT SHEET

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: ***Wackenhut Security***

FROM: ***Kinder Morgan Bulk Terminals, Inc. - Terminal 5***

INSTRUCTIONS: ***This document is to be completed PROMPTLY at 10:00 a.m. on the first day of each month!***

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	**MAIN GATE (Gallons)**
10-01-08	3546697

9/1/2008	0		3425056
9/2/2008	112		3425168
9/3/2008	2884		3428052
9/4/2008	6007		3434059
9/5/2008	4764		3438823
9/6/2008	5479		3444302
9/7/2008	5398		3449700
9/8/2008	4988		3454688
9/9/2008	4237		3458925
9/10/2008	4237		3463162
9/11/2008	4978		3468140
9/12/2008	0		3468140
9/13/2008	4560	2272	3473731
9/14/2008	3771	2199	3477507
9/15/2008	4598	2200	3482117
9/16/2008	3936	2199	3486085
9/17/2008	4076	2197	3490161
9/18/2008	3006	2199.2	3493159
9/19/2008	4187	2199	3497336
9/20/2008	3290	2199	3500629
9/21/2008	3406	2200	3504027
9/22/2008	3526	2198	3507536
9/23/2008	3521	2199	3511033
9/24/2008	2921	2199	3513916
9/25/2008	4306	2198	3518235
9/26/2008	3753	2199	3521976
9/27/2008	5338	2199	3527312
9/28/2008	4953	2199	3532267
9/29/2008	4889	2200	3537169
9/30/2008	4888	2200	3542076

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
09/01/08	3 4 2 5 0 5 6

SIGNATURE:

NEIL MAUNU, ASSISTANT TERMINAL MANAGER

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Aug	3,390,610	
2-Aug	3,392,101	1,491
3-Aug	3,392,303	202
4-Aug	3,392,678	375
5-Aug	3,392,678	0
6-Aug	3,392,678	0
7-Aug	3,393,456	778
8-Aug	3,395,585	2,129
9-Aug	3,397,631	2,046
10-Aug	3,398,904	1,273
11-Aug	3,398,904	0
12-Aug	3,398,904	0
13-Aug	3,399,020	116
14-Aug	3,399,020	0
15-Aug	3,399,020	0
16-Aug	3,399,020	0
17-Aug	3,399,020	0
18-Aug	3,399,020	0
19-Aug	3,399,020	0
20-Aug	3,399,020	0
21-Aug	3,399,020	0
22-Aug	3,399,020	0
23-Aug	3,399,020	0
24-Aug	3,399,020	0
25-Aug	3,405,033	6,013
26-Aug	3,410,119	5,086
27-Aug	3,414,701	4,582
28-Aug	3,419,799	5,098
29-Aug	3,422,878	3,079
30-Aug	3,425,056	2,178
31-Aug	3,425,056	0
1-Sep	3,425,056	0
		34,446 Gallons Discharged

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Aug	3,390,610	
2-Aug	3,392,101	1,491
3-Aug	3,392,303	202
4-Aug	3,392,678	375
5-Aug	3,392,678	0
6-Aug	3,392,678	0
7-Aug	3,393,456	778
8-Aug	3,395,585	2,129
9-Aug	3,397,631	2,046
10-Aug	3,398,904	1,273
11-Aug	3,398,904	0
12-Aug	3,398,904	0
13-Aug	3,399,020	116
14-Aug	3,399,020	0
15-Aug	3,399,020	0
16-Aug	3,399,020	0
17-Aug	3,398,904	0
18-Aug	3,398,904	0
19-Aug	3,398,904	0
20-Aug	3,398,904	0
21-Aug	3,398,904	0
22-Aug	3,398,904	0
23-Aug	3,398,904	0
24-Aug	3,398,904	0
25-Aug	3,398,904	0
26-Aug	3,398,904	0
27-Aug	3,398,904	0
28-Aug	3,398,904	0
29-Aug	3,398,904	0
30-Aug	3,491,316	92,412
31-Aug	3,620,190	128,874
1-Sep	3,620,190	0
		229,696 Gallons Discharged

meter issues. see other sheet. Verifiable by HMI System.

New meter to be installed & reconfigured to match HMI total on 9/12/08

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 8:00 a.m. on the first day of each month!*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
09-01-08	36201190

P.01

TRANSACTION REPORT

SEP-12-08 FRI 08:28 AM

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
SEP-12	08:28 AM	5038235559	21"	1	SEND	OK	071	

TOTAL : 21S PAGES: 1

REPORT SHEET

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

ER

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE ON OR BEFORE THE 13TH OF EACH BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
08/01/08	3 3 9 0 6 1 0

SIGNATURE: _____
JACK WALLER, TERMINAL MANAGER

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge
1-Jul	3,276,909	
2-Jul	3,281,539	4,630
3-Jul	3,286,174	4,635
4-Jul	3,292,814	6,640
5-Jul	3,298,098	5,284
6-Jul	3,302,592	4,494
7-Jul	3,307,175	4,583
8-Jul	3,313,177	6,002
9-Jul	3,318,147	4,970
10-Jul	3,322,755	4,608
11-Jul	3,327,363	4,608
12-Jul	3,334,415	7,052
13-Jul	3,338,945	4,530
14-Jul	3,343,780	4,835
15-Jul	3,351,782	8,002
16-Jul	3,356,055	4,273
17-Jul	3,360,403	4,348
18-Jul	3,360,436	33
19-Jul	3,360,541	105
20-Jul	3,360,623	82
21-Jul	3,360,714	91
22-Jul	3,360,714	0
23-Jul	3,361,324	610
24-Jul	3,367,551	6,227
25-Jul	3,373,767	6,216
26-Jul	3,380,117	6,350
27-Jul	3,384,229	4,112
28-Jul	3,386,442	2,213
29-Jul	3,386,442	0
30-Jul	3,386,442	0
31-Jul	3,386,442	0
1-Aug	3,390,610	4,168
		113,701 Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 8:00 a.m. on the first day of each month!*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
08-01-08	33906110

P.01

TRANSACTION REPORT

AUG-05-08 TUE 07:10 AM

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
AUG-05	07:09 AM	5038235559	27"	1	SEND	OK	861	

TOTAL : 27S PAGES: 1

REPORT SHEET

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

MAIL (OR FAX) TO: ENVIRONMENTAL SERVICES
Industrial Source Control Division
6543 N. Burlington Ave.
Portland, OR 97204-5452

FAX NUMBER
503-823-5559
Permit Manager
503-823-5556

KINDER MORGAN BULK TERMINALS, INC.
TERMINAL 5
15550 N. LOMBARD
ACCOUNT NUMBER 0770102504
OV NUMBER 33897

READINGS ARE DUE IN OUR OFFICE
ON OR BEFORE THE 13TH OF EACH
BILLING MONTH

DATE READ	DISCHARGE FLOW METER POLYSONICS DCT 1088 MAIN GATE (Gallons)
07/01/08	3 2 7 6 9 0 9

SIGNATURE:

JACK WALLER, TERMINAL MANAGER

WATER DISCHARGE REPORT

Volumes and readings are in Gallons.

Date	Meter Reading	Effluent Discharge	
1-Jun	3,202,916		
2-Jun	3,205,215	2,299	
3-Jun	3,208,872	3,657	
4-Jun	3,212,529	3,657	x
5-Jun	3,214,840	2,311	
6-Jun	3,217,143	2,303	
7-Jun	3,219,433	2,290	
8-Jun	3,221,713	2,280	
9-Jun	3,224,007	2,294	
10-Jun	3,226,313	2,306	
11-Jun	3,228,610	2,297	
12-Jun	3,230,914	2,304	
13-Jun	3,233,210	2,296	
14-Jun	3,236,678	3,468	
15-Jun	3,240,132	3,454	
16-Jun	3,242,408	2,276	
17-Jun	3,244,694	2,286	
18-Jun	3,247,001	2,307	
19-Jun	3,249,296	2,295	
20-Jun	3,251,580	2,284	
21-Jun	3,253,851	2,271	
22-Jun	3,256,150	2,299	
23-Jun	3,258,443	2,293	
24-Jun	3,260,753	2,310	
25-Jun	3,263,053	2,300	
26-Jun	3,265,351	2,298	
27-Jun	3,267,667	2,316	
28-Jun	3,269,973	2,306	
29-Jun	3,272,283	2,310	
30-Jun	3,274,598	2,315	
1-Jul	3,276,909	2,311	
		73,993	Gallons Discharged

MONTHLY BUREAU OF ENVIRONMENTAL SERVICES SUB-METER REPORT SHEET

TO: *Wackenhut Security*

FROM: *Kinder Morgan Bulk Terminals, Inc. - Terminal 5*

INSTRUCTIONS: *This document is to be completed PROMPTLY at 8:00 a.m. on the first day of each month!*

DISCHARGE FLOW METER
POLYSONICS DCT 1088

DATE READ	MAIN GATE (Gallons)
1 July 08	32769009

P.01

TRANSACTION REPORT

JUL-01-08 TUE 03:37 PM

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
JUL-01	03:37 PM	5038235559	21″	1	SEND	OK	726	

TOTAL : 21S PAGES: 1

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