

September 20, 2013

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Commissioner, District 2

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Pablo R. Rael
Village of Los Ranchos
Board Trustee

Executive Director
Mark S. Sanchez

Website
www.abcwua.org

Ms. Hannah Branning
Environmental Specialist
NPDES Compliance Section (6EN-WC)
US EPA, Region 6
1445 Ross Avenue
Dallas, TX 75202-2733

Via USPS Priority Mail: Signature Confirmation Receipt

SUBJECT: NPDES Permit #NM0022250 Annual Pretreatment Report 2012 - 2013

Dear Ms. Branning:

Attached is the Annual Pretreatment Report for the Albuquerque Bernalillo County Water Utility Authority (Water Authority) for the Pretreatment Year from July 01, 2012, through June 30, 2013, as required in Part II, Section A, of the National Pollutant Discharge Elimination System (NPDES) permit #NM0022250 with effective date October 1, 2012. The report includes the following information:

- 1) Pretreatment Performance Summary
- 2) Significant Industrial Users List
- 3) Significantly Non-Compliant Users By Facility Enforcement Action Taken
- 4) Significant Industrial Users Industry Permits Terminated
- 5) Public Notice For Significant Noncompliance, published in The Albuquerque Journal on September 8, 2013
- 6) Analyses of Treatment Facility Influent and Effluent
- 7) System Manholes Priority Pollutant Scan
- 8) Sludge/Biosolids Priority Pollutant Scan
- 9) Pollution Prevention Program Status Report (July 2012 through October 2012)
- 10) Summary of Minimum Quantification Levels

No interference, pass through, upset or POTW violations are known or suspected to have been caused by industrial contributors during the 12 month period from July 01, 2012 through June 30, 2013.

Sincerely,



Charles S. Leder, P.E., Plant Operations Division Manager

cc: Bruce Yurdin, Program Manager, Surface Water Quality Bureau, NMED
John M. Stomp, III, P.E., Chief Operating Officer, ABCWUA
Ramona Montoya, Environment Division Manager, Pueblo of Isleta

I. General Information

Control Authority Name	ABCWUA	
Address	4201 2nd Street SW	
City	Albuquerque	State/Zip NM/87105
Contact Person	Charles Leder	
Contact Phone	(505) 873-7072	
NPDES Permit Nos.	NM0022250	
Reporting Period	July 2012	June 2013

Total Number of Categorical IUs	37
Total Number of Significant Noncategorical IUs	34

II. Significant Industrial User Compliance

	<u>Categorical</u>	<u>Non-Categorical</u>
1) No. of SIUs Submitting BMRs/Total No. Required	0/0	0/0
2) No. of SIUs Submitting 90-Day Compliance Reports/Total No. Required	0/0	0/0
3) No. of SIUs Submitting Semiannual Reports/Total No. Required	37/37	33/34
4) No. of SIUs Submitting Meeting Compliance Schedule/Total No. Required	4/4	5/5
5) No. of SIUs in Significant Noncompliance/Total No. of SIUs	2/37	0/34
6) Rate of Significant Noncompliance for all SIUs	3% (or 2 out of 71)	

III. Compliance Monitoring Program

1) No. of Control Document Issued/Total No. Required	6/6	4/4
2) No. of Nonsampling Inspections Conducted	39	37
3) No. of Sampling Visits Conducted	312	659
4) No. of Facilities Inspected (nonsampling)	37	33
5) No. of Facilities Sampled (* 6 CIUs were Zero Discharge 2 CIUs had zero Process Water)	29	32

IV. Enforcement Actions

SIGNIFICANT INDUSTRIAL USERS

1) No. of Compliance Schedules Issued/No. of Schedules Required	8/8	8/8
2) No. of Notices of Violations Issued to SIUs	61	28
3) No. of Administrative Orders Issued to SIUs	0	0
4) No. of Civil Suits Filed	0	0
5) No. of Criminal Suits Filed	0	0
6) No. of Significant Violators (attach newspaper publication)	2	0
7) Amount of Penalties Collected (total dollars/IUs assessed)	\$0.00	\$0.00
8) Other Actions (sewer bans, etc.)..Reimbursement costs	\$2,325.70	\$18,251.90

The following certification must be signed in order for this form to be considered complete:

I certify that the information contained herein is complete and accurate to the best of my knowledge.

Charles A. Leder
Authorized Representative

September 20, 2013
Date

PRETREATMENT PROGRAM STATUS REPORT UPDATED SIGNIFICANT INDUSTRIAL USERS LIST

PERMITTEE: ABCWUA

REPORTING PERIOD: 07/01/2012 - 06/30/2013

PERMIT NUMBER: NM0022250

INDUSTRIAL USER	SIC CODE	CATEGORICAL DETERMINATION	CONTROL DOCUMENT				NEW USER Y/N	TIMES INSPECTED	TIMES SAMPLED (days sampled)	REPORTS					EFFLUENT LIMITS
			Y/N	LAST ACTION		BMR				90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING	OTHER REPORTING		
				TYPE	DATE										
2215A	ABQ Manufacturing, Inc.	3471	433	Y	RENEWED	04-23-10	N	1	56	-	-	C	N/A	-	SNC
2046A	Albuquerque Publishing Company	2711	N/A	Y	RENEWED	09-21-11	N	1	17	-	-	C	N/A	-	C
2047A	Ameripride Linen and Apparel Services	7211	N/A	Y	RENEWED	05-04-10	N	1	61	-	-	C	N/A	-	N
2091A	Brothers Plating Company, Inc.	3479	433	Y	RENEWED	04-26-10	N	1	5	-	-	C	N/A	-	N
2227A	Cabot Corporation dba/Cabot Superior Micropowders	8731	471	Y	RENEWED	07-16-10	N	1	4	-	-	C	N/A	-	C
2251A	Cabot Superior Micropowders	3399	471	Y	ISSUED	03-30-12	N	1	5	-	-	C	N/A	-	C
2196A	Chem-Tech, Inc. dba/Darco Products, Inc.	3471	433	Y	RENEWED	11-04-10	N	1	0(ZD)	-	-	C	N/A	-	C
2238A	CINT (Center For Integrated Nano Technologies)	8733	433, 469	Y	RENEWED	05-25-11	N	1	7	-	-	C	N/A	-	C
2246A	Cottonwood Mall	6512	N/A	Y	ISSUED	06-15-11	N	1	17	-	-	C	N/A	-	C
2034A	CTS Electronic Components, Inc.	3299	469	Y	RENEWED	01-21-11	N	1	16	-	-	C	N/A	-	N
2006A	Dean Dairy Holdings, LLC	2026	405	Y	RENEWED	07-14-10	N	1	16	-	-	C	N/A	-	C

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			Y/N	LAST ACTION		BMR				90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING	OTHER REPORTING		
				TYPE	DATE										
2207A	Delta Uniform and Linen, Inc.	7211	N/A	Y	RENEWED	04-02-12	N	1	20	-	-	C	N/A	-	C
2069K	Department of Energy and Sandia National Laboratories	8731	N/A	Y	RENEWED	05-25-10	N	1	4	-	-	C	N/A	-	C
2069F	Department of Energy and Sandia National Laboratories	3471	N/A	Y	RENEWED	06-17-10	N	1	6	-	-	C	N/A	-	C
2069I	Department of Energy and Sandia National Laboratories	8733	N/A	Y	RENEWED	06-15-10	N	1	6	-	-	C	N/A	-	N
2069G	Department of Energy and Sandia National Laboratories	3674	433, 469	Y	RENEWED	05-05-10	N	1	6	-	-	C	N/A	-	C
2069A	Department of Energy and Sandia National Laboratories	8731	N/A	Y	ISSUED	02-28-13	N	2	4	-	-	C	N/A	-	C
2039A	DGW, Inc. dba/G&S Jewelry Mfg.	3479	413	Y	RENEWED	08-24-10	N	1	17	-	-	C	N/A	-	N
2235A	Eclipse Aerospace	2844	433	Y	RENEWED	06-21-11	N	1	1**	-	-	C	N/A	-	C
2206A	Ecotex-Healthcare Laundry Services, LLC	7211	N/A	Y	RENEWED	09-23-10	N	1	2	-	-	C	N/A	-	C
2002A	El Encanto, Inc.	2099	N/A	Y	RENEWED	07-10-12	N	1	16	-	-	C	N/A	-	C
2209A	Emcore Corporation dba/Emcore West	3679	469	Y	RENEWED	06-15-11	N	1	8	-	-	C	N/A	-	C

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			Y/N	LAST ACTION		BMR	90-DAY COMPLIANCE				SEMI ANNUAL	SELF MONITORING	OTHER REPORTING			
				TYPE	DATE											
2018A Ethicon Endo-Surgery, Inc.	3841	N/A	Y	RENEWED	07-28-10	N	1	4	-	-	C	N/A	-	C		
2253A EXPO New Mexico	7999	412.15	Y	ISSUED	03-14-13	N	1	0**	-	-	C	N/A	-	C		
2232A Formulab . . . Naturally!	2844	417	Y	RENEWED	02-02-11	N	1	16	-	-	C	N/A	-	C		
2051A G&K Services, Inc.	7218	N/A	Y	RENEWED	05-17-10	N	1	46	-	-	C	N/A	-	C		
2252A G.T. Specialties	3471	433	Y	ISSUED	09-20-12	N	1	9	-	-	C	N/A	-	C		
2181A General Mills Operations, Inc.	2043	406	Y	RENEWED	10-04-12	N	1	17	-	-	C	N/A	-	C		
2058A Gibson Medical Center, LLC	8011	N/A	Y	RENEWED	06-30-10	N	1	4	-	-	C	N/A	-	N		
2249A Gruma Corporation	2099	N/A	Y	ISSUED	09-21-11	N	1	23	-	-	C	N/A	-	C		
2223A HT Micro Analytical, Inc.	3679	433	Y	RENEWED	04-22-10	N	1	0(ZD)	-	-	C	N/A	-	C		
2214A Ink Spot Towel Service, Inc.	7218	N/A	Y	RENEWED	05-26-10	N	1	10	-	-	C	N/A	-	C		
2021A Intel Corporation	3674	469	Y	RENEWED	02-16-10	N	2	18	-	-	C	N/A	-	C		

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			Y/N	LAST ACTION		BMR				90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING	OTHER REPORTING		
				TYPE	DATE										
2037A Jewelry by Coleman	3369	433	Y	RENEWED	04-15-10	N	1	0(ZD)	-	-	C	N/A	-	C	
2022A Kaehr Corporation	3471	413	Y	RENEWED	05-04-10	N	2	24	-	-	C	N/A	-	SNC	
2057A Kaseman Presbyterian Hospital	8062	N/A	Y	RENEWED	05-25-10	N	1	18	-	-	C	N/A	-	N	
2068A Kirtland Air Force Base	9711	N/A	Y	RENEWED	05-14-10	N	1	6	-	-	C	N/A	-	C	
2060A Lovelace Medical Center	8062	N/A	Y	RENEWED	12-07-11	N	1	8	-	-	C	N/A	-	N	
2178A Lovelace Respiratory Research Institute	8733	N/A	Y	RENEWED	08-15-12	N	1	4	-	-	C	N/A	-	N	
2089A Lovelace Westside Hospital	8062	N/A	Y	RENEWED	03-07-12	N	1	4	-	-	C	N/A	-	C	
2061A Lovelace Women's Hospital	8062	N/A	Y	RENEWED	05-04-10	N	2	20	-	-	C	N/A	-	N	
2013A Materion Advanced Materials Technologies & Services	3341	421, 471	Y	RENEWED	07-26-10	N	1	4	-	-	C	N/A	-	N	
2192A Materion Advanced Materials Technologies & Services	3399	421.266, 433	Y	RENEWED	08-17-12	N	1	4	-	-	C	N/A	-	C	
2248A Materion Advanced Materials Technologies & Services	3341	421.126, 421.266	Y	ISSUED	06-24-11	N	1	0**	-	-	C	N/A	-	C	

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			Y/N	LAST ACTION		BMR				90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING	OTHER REPORTING		
				TYPE	DATE										
2221A	Metal Finishing Specialty	3471	433	Y	RENEWED	07-09-12	N	1	0(ZD)	-	-	C	N/A	-	C
2087A	Mission Linen & Uniform Service	7219	N/A	Y	RENEWED	02-14-12	N	1	61	-	-	C	N/A	-	N
2244A	MSR-FSR LLC	7218	N/A	Y	ISSUED	01-01-11	N	1	2	-	-	C	N/A	-	C
2071A	National Research Laboratories, Inc.	3672	433	Y	RENEWED	01-20-12	N	1	9	-	-	C	N/A	-	C
2242A	New Mexico Scientific Laboratories	8734	N/A	Y	RENEWED	07-10-10	N	1	16	-	-	C	N/A	-	C
2064A	New Mexico VA Health Care System	8062	N/A	Y	RENEWED	07-21-10	N	1	16	-	-	C	N/A	-	C
2225A	NK Asphalt Partners	2911	443	Y	RENEWED	10-18-11	N	1	4(ZD)	-	-	C	N/A	-	C
2241A	Optimum Finish, Inc.	3471	433	Y	ISSUED	06-22-10	N	1	7	-	-	C	N/A	-	C
2055B	OSO Biopharmaceuticals Mfg.	8731	439	Y	RENEWED	05-25-10	N	1	5	-	-	C	N/A	-	C
2055A	OSO Biopharmaceuticals Mfg.	2834	439	Y	RENEWED	05-25-10	N	1	4	-	-	C	N/A	-	C
2059A	Presbyterian Healthcare Services	8062	N/A	Y	RENEWED	09-23-11	N	1	17	-	-	C	N/A	-	C

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			Y/N	LAST ACTION		BMR				90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING	OTHER REPORTING		
				TYPE	DATE										
2190A Prudential Overall Supply	7218	N/A	Y	RENEWED	04-28-10	N	2	20	-	-	C	N/A	-	C	
2250A Raytheon Company		433	Y	ISSUED	11-03-11	N	1	0(ZD)	-	-	C	N/A	-	C	
2041B Red Sky Corporation	3471	433	Y	RENEWED	04-26-10	N	1	4	-	-	C	N/A	-	C	
2239A SCHOTT Solar CSP, Inc.	3674	N/A	Y	TERMINATED	03-28-13	N	1	0	-	-	C	N/A	-	C	
2222A Stericycle, Inc.	4953	N/A	Y	ISSUED	03-31-13	N	1	8	-	-	C	N/A	-	C	
2195A SUMCO Phoenix Corporation	3674	469	Y	RENEWED	04-30-10	N	1	8	-	-	C	N/A	-	C	
2044A Sunwest Silver Co., Inc. dba/Waldeck Jewelers	3471	N/A	Y	ISSUED	12-05-11	N	2	0**	-	-	C	N/A	-	C	
2217A The Authentic New Mexican, Inc.	2099	N/A	Y	TERMINATED	08-22-12	N	0*	4	-	-	C	N/A	-	C	
2026A The Circuit Shop, Inc.	3672	413	Y	RENEWED	06-14-10	N	1	12	-	-	C	N/A	-	N	
2237A The Paint Shop	3471	433	Y	RENEWED	01-24-11	N	1	16	-	-	C	N/A	-	C	
2043A Theta Plate, Inc.	3471	433	Y	RENEWED	12-16-11	N	1	8	-	-	C	N/A	-	C	

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			Y/N	LAST ACTION		BMR				90-DAY COMPLIANCE	SEMI ANNUAL	SELF MONITORING	OTHER REPORTING		
				TYPE	DATE										
2028A Thomas & Betts Corporation dba/Elastimold	3069	428	Y	RENEWED	05-14-10	N	1	2	-	-	C	N/A	-	C	
2230A TPL, Inc.	8731	469	Y	RENEWED	08-29-12	N	1	0**	-	-	C	N/A	-	C	
2186A Unifirst Corporation	7218	N/A	Y	RENEWED	04-29-10	N	1	68	-	-	C	N/A	-	N	
2062A University of New Mexico Health Sciences Center/Hospital	8062	N/A	Y	ISSUED	02-21-12	N	1	19	-	-	C	N/A	-	C	
2076A Wagner Equipment Co.	5082	N/A	Y	RENEWED	05-03-10	N	1	20	-	-	C	N/A	-	C	

NOTES:

"-" = Not required during reporting period

0* = This facility shut down early in the reporting period with no process water sampled during the year

0**= Very low production, no process water discharge during the year

0 (ZD) = No samples were collected because the Permittee had Zero Discharge for Process water

C = Compliant

N = Noncompliant

SELF MONITORING = The Control Authority performs all compliance monitoring. As a result, Self Monitoring is Not Applicable (N/A)

SNC= Significant Non-Compliant

TIMES SAMPLED = The number of days a permittee was sampled. The actual count of samples taken for each permit may be greater than indicated multiple sample points and multiple grabs

SIGNIFICANTLY NONCOMPLIANT USERS BY FACILITY ENFORCEMENT ACTION TAKEN

PERMITTEE: ABCWUA

REPORTING PERIOD: 07/01/2012 - 06/30/2013

PERMIT NUMBER: NM0022250

INDUSTRIAL USER		NATURE OF VIOLATION		NUMBER OF ACTIONS TAKEN					PENALTIES COLLECTED	COMPLIANCE SCHEDULE **		CURRENT STATUS ***	COMMENTS
				NOV*	AO	CIVIL	CRIMINAL	OTHER ACTIONS TAKEN		DATE ISSUED (IU Compliance Sched. Date)	DATE DUE (IU proposed Return To Compliance Date)		
2215A	ABQ Manufacturing, Inc.		ZN	50	0	0	0		-	12/31/2012 ZN	8/21/2013 ZN	C (ZN)	
2022A	Kaehr Corporation		CN	5	0	0	0		-	12/31/2012 CN	6/17/2013 CN	C (CN)	

NOTES: * NOVs include both formal written notices and documented phone notices for violations that occurred during the reporting year (07/01/2012 - 06/30/2013)
 ** Compliance schedule dates (Issued Due) are indicated for violations occurring in the Reporting Year. Some Compliance Dates are post 06/30/2013
 *** C=Compliant, N=Non Compliant
 NOV = Notice of Violation
 AO = Administrative Order

SIGNIFICANT INDUSTRIAL USERS INDUSTRY PERMITS TERMINATED


PERMITTEE: ABCWUA

REPORTING PERIOD: 07/01/2012 - 06/30/2013

PERMIT NUMBER: NM0022250

Permit Number	SIU Last reporting period	SIU this reporting period	Company Name	Reason for Permit Termination	Termination Date
2239A	Yes	Yes	SCHOTT Solar CSP, Inc.	Permit has been Inactivated	3/28/2013
2217A	Yes	Yes	The Authentic New Mexican, Inc.	Permit has been Inactivated	8/22/2012

Public Notice for Significant Noncompliance



Water Utility Authority

This notice is published in accordance with Section 2-6-16 of the Albuquerque Bernalillo County Water Utility Authority Sewer Use and Wastewater Control Ordinance, Federal Regulation 40 CFR 403.8 (j)(2)(iii), and with the Water Authority National Pollutant Discharge Elimination System Permit (NM022250), as issued by the United States Environmental Protection Agency. Pursuant to the above, the Water Authority hereby provides public notification of industrial users of the Water Authority sanitary sewer system which during the period of July 1, 2012, through June 30, 2018, were in significant noncompliance with one or more of the applicable pretreatment standards or requirements.

The following user is in the process of returning to compliance with applicable pretreatment standards or requirements:

ABC Manufacturing, Inc

The following user successfully returned to compliance with applicable pretreatment standards or requirements:

K-99 Corporation

Additional information regarding noncompliance and enforcement of the Sewer Use and Wastewater Control Ordinance may be obtained by contacting Mark Kelly, Industrial Waste Engineer at (505) 872-7047 during normal business hours (8 AM to 5 PM Monday through Friday) or by emailing pretreatment@abowa.org. For users, please call NM Relay at 1-800-659-8331.

Journal September 2018

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

Influent and Effluent Averages
Reporting Year: July 01, 2012 - June 30, 2013
NPDES Permit Number: NM0022250

POLLUTANT Metals, Cyanide and Phenols	MAHL (if applicable in Ug/l) (1)	Averages of Influent Values (2) 2012 - 2013	Monthly Average Effluent Limit	Daily Average Effluent Limit	Averages of Effluent Values (3) 2012 - 2013	MQL (4)	Units
Average Daily Flow: 50 MGD							
ALUMINUM, TOTAL	N/A	1269.2			<74.2	2.5	ug/L
ANTIMONY, TOTAL	N/A	1.6			<1.0	60	ug/L
ARSENIC, TOTAL	17	7.8			3.1	0.5	ug/L
BERYLLIUM, TOTAL	N/A	0.0			<20.5	0.5	ug/L
BORON, DISSOLVED	N/A				240.0	-	ug/L
BORON, TOTAL	N/A	368.1			267.0	100	ug/L
CADMIUM, TOTAL	7.3	0.6			<44.6	1	ug/L
CHROMIUM, TOTAL	806	18.1			<6.3	10	ug/L
COPPER, TOTAL	255	129.2			<3.8	0.5	ug/L
CYANIDE, TOTAL, DISTILLED	49.7	<0.7			<0.2	10	ug/L
FLUORIDE/ELECTRODE	7900	1.1			1.0	-	mg/L
LEAD, TOTAL	49.7	6.7			<0.5	0.5	ug/L
MERCURY, TOTAL	0.9	0.1	0.008	0.012	<0.0	0.0005	ug/L
MOLYBDENUM, DISSOLVED	N/A				0.0	10	ug/L
MOLYBDENUM, TOTAL	74	5.1			<1.5	10	ug/L
NICKEL, TOTAL	47.3	10.7			<5.3	0.5	ug/L
PHENOLIC	N/A	<50.5			<0.8	-	ug/L
SELENIUM, TOTAL	7.4	2.2			<1.7	5	ug/L
SILVER, TOTAL	174	3.8			<0.3	0.5	ug/L
SULFIDE	N/A	549.2			<2.9	-	ug/L
THALLIUM, TOTAL	N/A	0.2			<0.4	0.5	ug/L
ZINC, TOTAL	519	487.4			154.3	20	ug/L

(1) Maximum Allowable Headworks Loading (MAHL) Limitation in ug/L values determined from EPA approved Local Limits Technical Analysis.

(2) Influent was monitored monthly with annual averages shown.

(3) Results are annual averages of monthly or weekly monitoring.

(4) MQLs from the October 1, 2012 Permit.

Notes:

"<" appearing next to an averaged result indicates that one or more results used in the average was below detectable limit.

Influent & effluent samples were collected 12 hours apart considering the flow detention time through the plant.

Monthly Average Effluent Limits are based on the Water Authority's NPDES permit, effective date October 1, 2012.

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013

Total Petroleum Hydrocarbons and Oil and Grease

NPDES Permit Number: NM0022250

Method: EPA 1664A

LOCATION	POLLUTANT	DATE	RESULT	UNIT
Influent	O&G	7/16/2012	12	mg/L
Influent	O&G	7/16/2012	15	mg/L
Influent	O&G	7/16/2012	13	mg/L
Influent	O&G	7/16/2012	51	mg/L
Effluent	O&G	7/16/2012	<5	mg/L
Effluent	O&G	7/16/2012	<5	mg/L
Effluent	O&G	7/17/2012	<5	mg/L
Effluent	O&G	7/17/2012	<5	mg/L
Influent	O&G	8/20/2012	7.6	mg/L
Influent	O&G	9/17/2012	10.7	mg/L
Influent	O&G	10/15/2012	9.7	mg/L
Influent	O&G	11/19/2012	7.8	mg/L
Influent	O&G	12/18/2012	12	mg/L
Influent	O&G	1/14/2013	15	mg/L
Influent	O&G	1/14/2013	13	mg/L
Influent	O&G	1/14/2013	21	mg/L
Influent	O&G	1/14/2013	14	mg/L
Effluent	O&G	1/14/2013	<5	mg/L
Effluent	O&G	1/14/2013	<5	mg/L
Effluent	O&G	1/15/2013	<5	mg/L
Effluent	O&G	1/15/2013	6.2	mg/L
Influent	O&G	2/11/2013	12	mg/L
Influent	O&G	3/18/2013	22	mg/L
Influent	O&G	4/15/2013	<5.9	mg/L
Influent	O&G	5/13/2013	13.7	mg/L
Influent	O&G	6/17/2013	12	mg/L
LOCATION	POLLUTANT	DATE	RESULT	UNIT
Influent	TPH	7/16/2012	<5	mg/L
Influent	TPH	7/16/2012	<5	mg/L
Influent	TPH	7/16/2012	<5	mg/L
Influent	TPH	7/16/2012	<5	mg/L
Effluent	TPH	7/16/2012	<5	mg/L
Effluent	TPH	7/16/2012	<5	mg/L
Effluent	TPH	7/17/2012	<5	mg/L
Effluent	TPH	7/17/2012	<5	mg/L
Influent	TPH	8/20/2012	6.4	mg/L
Influent	TPH	9/17/2012	5.3	mg/L
Influent	TPH	10/15/2012	<5.0	mg/L
Influent	TPH	11/19/2012	<5.0	mg/L
Influent	TPH	12/18/2012	<5	mg/L
Influent	TPH	1/14/2013	<5.0	mg/L
Influent	TPH	1/14/2013	<5.0	mg/L

Twelve (12) hour flow-through observed by staggering influent effluent sampling.
All samples were collected as grabs.

**Albuquerque Bernalillo County Water Utility Authority
Southside Water Reclamation Plant**

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013

Total Petroleum Hydrocarbons and Oil and Grease

NPDES Permit Number: NM0022250

Method: EPA 1664A

LOCATION	POLLUTANT	DATE	RESULT	UNIT
Influent	TPH	1/14/2013	<5	mg/L
Influent	TPH	1/14/2013	<5.0	mg/L
Effluent	TPH	1/14/2013	<5	mg/L
Effluent	TPH	1/14/2013	<5	mg/L
Effluent	TPH	1/15/2013	<5.0	mg/L
Effluent	TPH	1/15/2013	<5	mg/L
Influent	TPH	2/11/2013	<5.0	mg/L
Influent	TPH	3/18/2013	<6.4	mg/L
Influent	TPH	4/15/2013	<5.9	mg/L
Influent	TPH	5/13/2013	5.3	mg/L
Influent	TPH	6/17/2013	<5.7	mg/L

Twelve (12) hour flow-through observed by staggering influent effluent sampling.
All samples were collected as grabs.

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013
Priority Pollutant Organic Volatiles
NPDES Permit Number: NM0022250

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
7/16/2012 6:00:00 AM	EPA 624	Influent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
7/16/2012 12:00:00 PM	EPA 624	Influent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
7/16/2012 6:00:00 PM	EPA 624	Influent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

(1) All samples were grab samples @ 6 hour intervals.

(3) All results in µg/L.

(2) Plant flow-through detention time of 12 hours, observed for all influent and effluent samples.

**Albuquerque Bernalillo County Water Utility Authority
Southside Water Reclamation Plant**

**Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013
Priority Pollutant Organic Volatiles
NPDES Permit Number: NM0022250**

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
7/16/2012 11:59:00 PM	EPA 624	Influent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichlorofluoromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
1/14/2013 6:00:00 AM	EPA 624	Influent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichlorofluoromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
1/14/2013 12:00:00 PM	EPA 624	Influent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichlorofluoromethane	ND	Vinyl Chloride	ND	Xylenes	ND

(1) All samples were grab samples @ 6 hour intervals.

(3) All results in µg/L

(2) Plant flow-through detention time of 12 hours, observed for all influent and effluent samples.

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013
Priority Pollutant Organic Volatiles
NPDES Permit Number: NM0022250

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
1/14/2013 6:00:00 PM	EPA 624	Influent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
1/14/2013 11:59:00 PM	EPA 624	Influent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
7/16/2012 6:00:00 PM	EPA 624	Effluent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

(1) All samples were grab samples @ 6 hour intervals.

(3) All results in µg/L.

(2) Plant flow-through detention time of 12 hours, observed for all influent and effluent samples.

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013

Priority Pollutant Organic Volatiles
NPDES Permit Number: NM0022250

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
7/16/2012 11:59:00 PM	EPA 624	Effluent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
7/17/2012 6:00:00 AM	EPA 624	Effluent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
7/17/2012 12:00:00 PM	EPA 624	Effluent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

(1) All samples were grab samples @ 6 hour intervals.

(3) All results in µg/L

(2) Plant flow-through detention time of 12 hours, observed for all influent and effluent samples.

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013

Priority Pollutant Organic Volatiles

NPDES Permit Number: NM0022250

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
1/14/2013 6:00:00 PM	EPA 624	Effluent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
1/14/2013 11:59:00 PM	EPA 624	Effluent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
1/15/2013 6:00:00 AM	EPA 624	Effluent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane	ND	1,1-Dichloroethane	ND
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichloroflouromethane	ND	Vinyl Chloride	ND	Xylenes	ND

(1) All samples were grab samples @ 6 hour intervals.

(3) All results in µg/L

(2) Plant flow-through detention time of 12 hours, observed for all influent and effluent samples.

**Albuquerque Bernalillo County Water Utility Authority
Southside Water Reclamation Plant**

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013

Priority Pollutant Organic Volatiles

NPDES Permit Number: NM0022250

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC VOLATILE RESULTS							
			1/15/2013 12:00:00 PM	EPA 624	Effluent	1,1,1-Trichloroethane	ND	1,1,2,2-Tetrachloroethane	ND	1,1,2-Trichloroethane
			1,1-Dichloroethene	ND	1,2-Dichloroethane	ND	1,2-Dichloropropane	ND	1,3-Dichlorobenzene	ND
			1,4-Dichlorobenzene	ND	2-Chloroethyl vinyl ether	ND	Acrolein	ND	Acrylonitrile	ND
			Benzene	ND	Bromochloromethane	ND	Bromodichloromethane	ND	Bromoform	ND
			Bromomethane	ND	Carbon Tetrachloride	ND	Chlorobenzene	ND	Chlorodibromomethane	ND
			Chloroethane	ND	Chloroform	ND	Chloromethane	ND	cis-1,3-Dichloropropene	ND
			Dibromochloromethane	ND	Ethylbenzene	ND	t-1,2-Dichloroethene	ND	t-1,3-Dichloropropene	ND
			Tetrachloroethene	ND	Toluene	ND	trans-1,2-Dichloroethene	ND	trans-1,3-Dichloropropene	ND
			Trichloroethene	ND	Trichlorofluoromethane	ND	Vinyl Chloride	ND	Xylenes	ND

(1) All samples were grab samples @ 6 hour intervals.

(2) Plant flow-through detention time of 12 hours, observed for all influent and effluent samples.

(3) All results in µg/L

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013

Priority Pollutant Organic Semi-volatiles

NPDES Permit Number: NM0022250

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC SEMI-VOLATILE RESULTS							
7/17/2012 6:00:00 AM	EPA 625	Influent	1,2,4-Trichlorobenzene	ND	1,2-Dichlorobenzene	ND	1,2-Diphenylhydrazine	ND	1,4-Dichlorobenzene (625)	ND
			2,4,6-Trichlorophenol	ND	2,4-Dichlorophenol	ND	2,4-Dimethylphenol	ND	2,4-Dinitrophenol	ND
			2,4-Dinitrotoluene	ND	2,6-Dinitrotoluene	ND	2-Chloronaphthalene	ND	2-Chlorophenol	ND
			2-Nitrophenol	ND	3,3'-Dichlorobenzidine	ND	4,6-dinitro-2-methylphenol	ND	4-Chloro-3-methylphenol	ND
			4-Chlorophenyl-phenylether	ND	4-Nitrophenol	ND	Acenaphthene	ND	Acenaphthylene	ND
			Anthracene	ND	Benzidine	ND	Benzo (a) Anthracene	ND	Benzo (a) pyrene	ND
			bis (2-Chloroethoxy) methane	ND	bis (2-Chloroethyl) ether	ND	bis (2-Chloroisopropyl) ether	ND	bis (2-Ethylhexyl) phthalate	1300
			Butylbenzylphthataate	ND	Chrysene	ND	Diethylphthalate	ND	Dimethylphthalate	ND
			Di-n-butylphthalate	ND	Di-n-octylphthalate	ND	Fluorene	ND	Fluoroanthene	ND
			Hexachlorobenzene	ND	Hexachlorobutadiene	ND	Hexachlorocyclopentadiene	ND	Hexachloroethane	ND
			Isophorone	ND	Naphthalene	ND	Nitrobenzene	ND	N-Nitroso-di-n-propylamine	ND
			N-Nitrosodiphenylamine	ND	Pentachlorophenol	ND	Phenanthrene	ND	Phenols	1170
			Pyrene	ND						

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC SEMI-VOLATILE RESULTS							
1/15/2013 6:00:00 AM	EPA 625	Influent	1,2,4-Trichlorobenzene	ND	1,2-Dichlorobenzene	ND	1,2-Diphenylhydrazine	ND	1,4-Dichlorobenzene (625)	ND
			2,4,6-Trichlorophenol	ND	2,4-Dichlorophenol	ND	2,4-Dimethylphenol	ND	2,4-Dinitrophenol	ND
			2,4-Dinitrotoluene	ND	2,6-Dinitrotoluene	ND	2-Chloronaphthalene	ND	2-Chlorophenol	ND
			2-Nitrophenol	ND	3,3'-Dichlorobenzidine	ND	4,6-dinitro-2-methylphenol	ND	4-Chloro-3-methylphenol	ND
			4-Chlorophenyl-phenylether	ND	4-Nitrophenol	ND	Acenaphthene	ND	Acenaphthylene	ND
			Anthracene	ND	Benzidine	ND	Benzo (a) Anthracene	ND	Benzo (a) pyrene	ND
			bis (2-Chloroethoxy) methane	ND	bis (2-Chloroethyl) ether	ND	bis (2-Chloroisopropyl) ether	ND	bis (2-Ethylhexyl) phthalate	11
			Butylbenzylphthataate	ND	Chrysene	ND	Diethylphthalate	ND	Dimethylphthalate	ND
			Di-n-butylphthalate	ND	Di-n-octylphthalate	ND	Fluorene	ND	Fluoroanthene	ND
			Hexachlorobenzene	ND	Hexachlorobutadiene	ND	Hexachlorocyclopentadiene	ND	Hexachloroethane	ND
			Isophorone	ND	Naphthalene	ND	Nitrobenzene	ND	N-Nitroso-di-n-propylamine	ND
			N-Nitrosodiphenylamine	ND	Pentachlorophenol	ND	Phenanthrene	ND	Phenols	34.9
			Pyrene	ND						

(1) All samples were 24 hour composites.

(2) Plant flow-through detention time of 12 hours, observed for all influent and effluent samples.

(3) All results in µg/L

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013

Priority Pollutant Organic Semi-volatiles

NPDES Permit Number: NM0022250

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC SEMI-VOLATILE RESULTS							
7/17/2012 6:00:00 PM	EPA 625	Effluent	1,2,4-Trichlorobenzene	ND	1,2-Dichlorobenzene	ND	1,2-Diphenylhydrazine	ND	1,4-Dichlorobenzene (625)	ND
			2,4,6-Trichlorophenol	ND	2,4-Dichlorophenol	ND	2,4-Dimethylphenol	ND	2,4-Dinitrophenol	ND
			2,4-Dinitrotoluene	ND	2,6-Dinitrotoluene	ND	2-Chloronaphthalene	ND	2-Chlorophenol	ND
			2-Nitrophenol	ND	3,3'-Dichlorobenzidine	ND	4,6-dinitro-2-methylphenol	ND	4-Chloro-3-methylphenol	ND
			4-Chlorophenyl-phenylether	ND	4-Nitrophenol	ND	Acenaphthene	ND	Acenaphthylene	ND
			Anthracene	ND	Benzidine	ND	Benzo (a) Anthracene	ND	Benzo (a) pyrene	ND
			bis (2-Chloroethoxy) methane	ND	bis (2-Chloroethyl) ether	ND	bis (2-Chloroisopropyl) ether	ND	bis (2-Ethylhexyl) phthalate	ND
			Butylbenzylphthalate	ND	Chrysene	ND	Diethylphthalate	ND	Dimethylphthalate	ND
			Di-n-butylphthalate	ND	Di-n-octylphthalate	ND	Fluorene	ND	Fluoroanthene	ND
			Hexachlorobenzene	ND	Hexachlorobutadiene	ND	Hexachlorocyclopentadiene	ND	Hexachloroethane	ND
			Isophorone	ND	Naphthalene	ND	Nitrobenzene	ND	N-Nitroso-di-n-propylamine	ND
			N-Nitrosodiphenylamine	ND	Pentachlorophenol	ND	Phenanthrene	ND	Phenols	ND
			Pyrene	ND						

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC SEMI-VOLATILE RESULTS							
1/15/2013 6:00:00 PM	EPA 625	Effluent	1,2,4-Trichlorobenzene	ND	1,2-Dichlorobenzene	ND	1,2-Diphenylhydrazine	ND	1,4-Dichlorobenzene (625)	ND
			2,4,6-Trichlorophenol	ND	2,4-Dichlorophenol	ND	2,4-Dimethylphenol	ND	2,4-Dinitrophenol	ND
			2,4-Dinitrotoluene	ND	2,6-Dinitrotoluene	ND	2-Chloronaphthalene	ND	2-Chlorophenol	ND
			2-Nitrophenol	ND	3,3'-Dichlorobenzidine	ND	4,6-dinitro-2-methylphenol	ND	4-Chloro-3-methylphenol	ND
			4-Chlorophenyl-phenylether	ND	4-Nitrophenol	ND	Acenaphthene	ND	Acenaphthylene	ND
			Anthracene	ND	Benzidine	ND	Benzo (a) Anthracene	ND	Benzo (a) pyrene	ND
			bis (2-Chloroethoxy) methane	ND	bis (2-Chloroethyl) ether	ND	bis (2-Chloroisopropyl) ether	ND	bis (2-Ethylhexyl) phthalate	ND
			Butylbenzylphthalate	ND	Chrysene	ND	Diethylphthalate	ND	Dimethylphthalate	ND
			Di-n-butylphthalate	ND	Di-n-octylphthalate	ND	Fluorene	ND	Fluoroanthene	ND
			Hexachlorobenzene	ND	Hexachlorobutadiene	ND	Hexachlorocyclopentadiene	ND	Hexachloroethane	ND
			Isophorone	ND	Naphthalene	ND	Nitrobenzene	ND	N-Nitroso-di-n-propylamine	ND
			N-Nitrosodiphenylamine	ND	Pentachlorophenol	ND	Phenanthrene	ND	Phenols	ND
			Pyrene	ND						

(1) All samples were 24 hour composites.

(2) Plant flow-through detention time of 12 hours, observed for all influent and effluent samples.

(3) All results in µg/L

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

Influent and Effluent Priority Pollutant Scan: July 01, 2012 - June 30, 2013

Priority Pollutant Organic Pesticides

NPDES Permit Number: NM0022250

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC PESTICIDE RESULTS							
7/17/2012 6:00:00 AM	EPA 608	Influent	4,4'-DDD	ND	4,4'-DDE	ND	4,4'-DDT	ND	Aldrin	ND
			alpha-BHC	ND	beta-BHC	ND	delta-BHC	ND	Dieldrin	ND
			Endosulfan Sulfate	ND	Endosulfan I	ND	Endosulfan II	ND	Endrin	ND
			Endrin Aldehyde	ND	gamma-BHC (Lindane)	ND	Heptachlor	ND	Heptachlor Epoxide	ND
			PCB-1016	ND	PCB-1221	ND	PCB-1232	ND	PCB-1242	ND
			PCB-1248	ND	PCB-1254	ND	PCB-1260	ND	Toxaphene	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC PESTICIDE RESULTS							
1/15/2013 6:00:00 AM	EPA 608	Influent	4,4'-DDD	ND	4,4'-DDE	ND	4,4'-DDT	ND	Aldrin	ND
			alpha-BHC	ND	beta-BHC	ND	delta-BHC	ND	Dieldrin	ND
			Endosulfan Sulfate	ND	Endosulfan I	ND	Endosulfan II	ND	Endrin	ND
			Endrin Aldehyde	ND	gamma-BHC (Lindane)	ND	Heptachlor	ND	Heptachlor Epoxide	ND
			PCB-1016	ND	PCB-1221	ND	PCB-1232	ND	PCB-1242	ND
			PCB-1248	ND	PCB-1254	ND	PCB-1260	ND	Toxaphene	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC PESTICIDE RESULTS							
7/17/2012 6:00:00 PM	EPA 608	Effluent	4,4'-DDD	ND	4,4'-DDE	ND	4,4'-DDT	ND	Aldrin	ND
			alpha-BHC	ND	beta-BHC	ND	delta-BHC	ND	Dieldrin	ND
			Endosulfan Sulfate	ND	Endosulfan I	ND	Endosulfan II	ND	Endrin	ND
			Endrin Aldehyde	ND	gamma-BHC (Lindane)	ND	Heptachlor	ND	Heptachlor Epoxide	ND
			PCB-1016	ND	PCB-1221	ND	PCB-1232	ND	PCB-1242	ND
			PCB-1248	ND	PCB-1254	ND	PCB-1260	ND	Toxaphene	ND

DATE/TIME	METHOD	SAMPLE POINT	ORGANIC PESTICIDE RESULTS							
1/15/2013 6:00:00 PM	EPA 608	Effluent	4,4'-DDD	ND	4,4'-DDE	ND	4,4'-DDT	ND	Aldrin	ND
			alpha-BHC	ND	beta-BHC	ND	delta-BHC	ND	Dieldrin	ND
			Endosulfan Sulfate	ND	Endosulfan I	ND	Endosulfan II	ND	Endrin	ND
			Endrin Aldehyde	ND	gamma-BHC (Lindane)	ND	Heptachlor	ND	Heptachlor Epoxide	ND
			PCB-1016	ND	PCB-1221	ND	PCB-1232	ND	PCB-1242	ND
			PCB-1248	ND	PCB-1254	ND	PCB-1260	ND	Toxaphene	ND

(1) All samples were 24 hour composites.

(2) Plant flow-through detention time of 12 hours, observed for all influent and effluent samples.

(3) All results in µg/L.

Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Plant

System Manholes: July 01, 2012 - June 30, 2013

Priority Pollutant Domestic Metals

NPDES Permit Number: NM0022250

SAMPLE POINT	DOMESTIC METAL RESULTS											
F11117	AG (mg/L)	<0.00	AL (mg/L)	0.48	AS (mg/L)	0.00	B (mg/L)	0.51	CD (mg/L)	<0.00	CR (mg/L)	<0.02
	CU (mg/L)	0.05	F (mg/L)	0.54	HG (mg/L)	<0.00	MO (mg/L)	<0.01	NI (mg/L)	<0.01	PB (mg/L)	<0.00
	PHENOLIC (mg/L)	<6.32	SE (mg/L)	<0.00	ZN (mg/L)	0.32						
G18122	AG (mg/L)	<0.00	AL (mg/L)	0.41	AS (mg/L)	0.01	B (mg/L)	0.29	CD (mg/L)	<0.00	CR (mg/L)	<0.02
	CU (mg/L)	0.07	F (mg/L)	0.47	HG (mg/L)	<0.00	MO (mg/L)	<0.01	NI (mg/L)	<0.00	PB (mg/L)	<0.00
	PHENOLIC (mg/L)	<0.06	SE (mg/L)	<0.00	ZN (mg/L)	0.35						
H22282	AG (mg/L)	<0.00	AL (mg/L)	0.57	AS (mg/L)	<0.00	B (mg/L)	0.40	CD (mg/L)	<0.00	CR (mg/L)	<0.02
	CU (mg/L)	0.05	F (mg/L)	0.58	HG (mg/L)	<0.00	MO (mg/L)	<0.01	NI (mg/L)	<0.00	PB (mg/L)	<0.00
	PHENOLIC (mg/L)	<0.07	SE (mg/L)	<0.00	ZN (mg/L)	0.35						
K23703	AG (mg/L)	<0.00	AL (mg/L)	0.50	AS (mg/L)	<0.00	B (mg/L)	0.27	CD (mg/L)	<0.00	CR (mg/L)	<0.02
	CU (mg/L)	0.04	F (mg/L)	0.60	HG (mg/L)	<0.00	MO (mg/L)	<0.01	NI (mg/L)	<0.00	PB (mg/L)	<0.00
	PHENOLIC (mg/L)	<0.11	SE (mg/L)	<0.00	ZN (mg/L)	0.32						

(1) All sewer system manhole locations were sampled an average of eight days via 24 Hr. time-weighted composites. Averages are shown.

(2) Manhole Locations: Primary Domestic/Commercial Locations:

(3) "<" appearing next to an averaged result indicates that one or more results used in the average was below detectable limit.

F11117	Domestic Manhole on Azuelo Ave. NW, East of Cordoniz
G18122	Domestic Manhole on Maderia Dr. NE
H22282	Domestic Manhole on Lexington NE, between Nakomis and Marie Park
K23703	Domestic Manhole on Paseo Del Mar NE at Paseo Vista

**Albuquerque Bernalillo County Water Utility Authority
Southside Water Reclamation Plant**

**Sludge/Biosolids Priority Pollutant Scan: July 01, 2012 - June 30, 2013
Priority Pollutant Metals and Cyanide and Test
NPDES Permit Number: NM0022250**

Parameter	Units	Sample Set	Sample Maximum	Sample Minimum	Sample Average
AS	mg/kg	6	16	12	<14.0
CD	mg/kg	6	1.1	0.66	0.9
CN	mg/kg	5	2.2	0.01	<1.2
CR	mg/kg	6	56	36	47.7
CU	mg/kg	6	550	380	445.0
F	mg/kg	6	111.1	45.1	63.2
HG	mg/kg	6	1	0.33	0.6
MO	mg/kg	6	29	17	22.2
NI	mg/kg	6	26	21	23.3
PB	mg/kg	6	37	25	31.8
SE	mg/kg	6	16	9.6	<13.3
ZN	mg/kg	6	920	730	830.0

"<" appearing next to an averaged result indicates that one or more results used in the average was below detectable limit.

NOTE: All sludge samples are taken on a dry weight basis, post-digestion and post dewatering.



Albuquerque Bernalillo County
Water Utility Authority

Pollution Prevention Program

Annual Summary of Activities Report

July 1, 2012 through September 30, 2012

The Albuquerque Bernalillo County Water Utility Authority (Water Authority) was issued a new National Pollutant Discharge Elimination System (NPDES) permit that became effective on October 1, 2012. As part of the previous permit requirements the Water Authority was required to implement a non-regulatory component of the pretreatment program dedicated to education and promotion of pollution prevention as a condition of the NPDES permit. This annual report summarizes pollution prevention activities performed during the time period of July 2012 through September 2012 and is prepared according to the previous permit requirements that were in place during that time.

Workshops Held

- No workshops were performed between July 1, 2012 and September 30, 2012.

Promotional Materials Developed

- No promotional materials were developed between July 1, 2012 and September 30, 2012.

Targeted Industries and Businesses

- Baseline pollution prevention assessments were completed between July 1, 2012 and September 30, 2012 for 2 newly identified industries to determine potential discharge of pollutants that could interfere or pass through the Southside Water Reclamation Plant. Survey data regarding industry type, chemicals utilized at the facility and process descriptions were entered into Industrial Pretreatment's LINKO database. This data can be used in the future to determine possible sources of illegal discharges found in the collection system.

Attendance by Invitees

- The Pollution Prevention Program and the Water Authority Field Operations Division Collection System Section hosted an information booth, lift station demonstration, and vector truck display at the 2012 New Mexico State Fair in September 2012. The Pollution Prevention Program used an interactive game, the "Pollution Prevention Wheel of Fortune", to ask participants questions on pollution prevention and current water issues. Participant efforts were rewarded with Water Authority

promotional items imprinted with Pollution Prevention Program contact info. Approximately 800+ people visited the booth based on the number of promotional items distributed to participants.

Follow-up Activities

- The Pollution Prevention Program responded to two (2) requests for assistance from the Water Authority Field Operations Division Collection System Section to investigate Sanitary Sewer Overflows (SSOs). Follow-up included survey of nine (9) industries and distribution of informational pamphlets.
- The Pollution Prevention Program conducted dye tests of three (3) food establishments to evaluate wastewater discharge points. Inspections found that two (2) of these establishments have wastewater that bypasses the grease interceptors and were issued NOV's. These establishments submitted return to compliance schedules.

Case Histories Developed

- No case histories were developed between July 1, 2012 and September 30, 2012.

Quantifiable Results of Waste Minimization Implementation

- No quantifiable results of waste minimization were noted between July 1, 2012 and September 30, 2012.

Non-Quantifiable Impacts of Waste Minimization

- The Pollution Prevention Program has a domestic outreach program that focuses on non-point source reduction. Areas of concern are pharmaceuticals and personal care products, fats oils and grease, and household chemicals (cleaning products, oil based products, antifreeze, solvents).
- The Pollution Prevention Program responds to waste minimization inquiries from industries, food establishments, schools, and domestic customers.

Seminars Attended to Improve Program

- A total of eight (8) Industrial Pretreatment staff attended the EPA Region VI 28th Annual Pretreatment Workshop in Albuquerque, New Mexico. The workshop was held July 23-26, 2012.

Inspections Performed with Case Studies Follow-up

- No inspections were performed as a result of case studies follow-up between July 1, 2012 and September 30, 2012.

Trade Association Contacts and Meetings

- No trade association meetings or contacts occurred between July 1, 2012 and September 30, 2012.

Summary of Minimum Quantification Levels

The minimum quantification levels (MQLs) required by the NPDES permits effective March 2005 – September 2012 and October 2012 – present are attached. During the pretreatment year, all effluent monitoring was conducted according to the attached MQLs except for the analytes Aluminum, Copper, and Nickel. Table 1 shows a comparison of the required MQL and the MQL used.

Table 1

Analyte	MQL Required (µg/l)	MQL Used (µg/l)
Aluminum	2.5	25
Copper	0.5	1.0
Nickel	0.5	1.0

For Aluminum, all results were higher than the MQL used. For Copper 10 of 11 results were above the MQL used, while 9 of 11 Nickel results were determined to be above the MQL used. There were two (2) Nickel results in October and November 2012 and one (1) Copper result in October 2012 that were below the MQL used which did not meet the MQL required by the NPDES permit.

Minimum Quantification Levels

NPDES Permit Effective March 2005 – September 2012

MINIMUM QUANTIFICATION LEVELS (MQLs)

<u>METALS AND CYANIDE</u>	<u>(µg/L)</u>	<u>EPA</u>		<u>(µg/L)</u>	<u>EPA</u>
<u>METHOD</u>					
Antimony	60	200.7	Chlorodibromomethane	10	624
Arsenic	10	206.2	Chloroethane	50	624
Beryllium	5	200.7	2-Chloroethyl vinyl ether	10	624
Cadmium	1	213.2	Chloroform	10	624
Chromium	10	200.7	Dichlorobromomethane	10	624
Chromium 3	10	200.7	1,1-Dichloroethane	10	624
Chromium 6	10	200.7	1,2-Dichloroethane	10	624
Copper	10	220.2	1,1-Dichloroethylene	10	624
Lead	5	239.2	1,2-Dichloropropane	10	624
Mercury *1	.2/.0005	245.1	1,3-Dichloropropylene	10	624
		1631	Ethylbenzene	10	624
Molybdenum	30	200.7	Methyl Bromide	50	624
Nickel [Freshwater]	40	200.7	Methyl Chloride	50	624
Nickel [Marine]	5	249.2	Methylene Chloride	20	624
Selenium	5	270.2			
Silver	2	272.2			
Thallium	10	279.2			
Zinc	20	200.7			
Cyanide	10	335.3			
<u>DIOXIN</u>					
2,3,7,8 - Tetrachloro- dibenzop-dioxin (TCDD)	0.00001	1613			
p-dioxin (TCDD)					
<u>VOLATILE COMPOUNDS</u>					
Acrolein	50	624			
Acrylonitrile	50	624			
Benzene	10	624			
Bromoform	10	624			
Carbon Tetrachloride	10	624			
Chlorobenzene	10	624			

1,1,2,2-Tetrachloroethane ⁵ 10	624	Bis(2-chloroethoxy) methane ⁵ 10	625
Tetrachloroethylene ⁵ 10	624	Bis(2-chloroethyl) ether ⁵ 10	625
Toluene ⁵ 10	624	Bis(2-chloroisopropyl) ether ⁵ 10	625
1,2-trans-Dichloroethylene ⁵ 10	624	Bis(2-ethylhexyl) phthalate ⁵ 10	625
1,1,1-Trichloroethane ⁵ 10	624	4-Bromophenyl phenyl ether ⁵ 10	625
1,1,2-Trichloroethane ⁵ 10	624	Butyl benzyl phthalate ⁵ 10	625
Trichloroethylene ⁵ 10	624	2-Chloronaphthalene ⁵ 10	625
Vinyl Chloride ⁵ 10	624	4-Chlorophenyl phenyl ether ⁵ 10	625
<u>ACID COMPOUNDS</u>		Chrysene ⁵ 10	625
2-Chlorophenol ⁵ 10	625		
2,4-Dichlorophenol ⁵ 10	625		
2,4-Dimethylphenol ⁷ 10	625		
4,6-Dinitro-o-Cresol			
[2 methyl 4,6-dinitrophenol] ⁸ 50	625		
2,4-Dinitrophenol ⁵ 50	625		
2-Nitrophenol ⁶ 20	625		
4-Nitrophenol ⁵ 50	625		
p-Chloro-m-Cresol			
[4 chloro-3-methylphenol] ⁵ 10	625		
Pentachlorophenol ⁵ 50	625		
Phenol ⁵ 10	625		
2,4,6-Trichlorophenol ⁵ 10	625		
<u>BASE/NEUTRAL COMPOUNDS</u>			
Acenaphthene ⁵ 10	625		
Acenaphthylene ⁵ 10	625		
Anthracene ⁵ 10	625		
Benzidine ⁴ 50	625		
Benzo(a)anthracene ⁵ 10	625		
Benzo(a)pyrene ⁵ 10	625		
3,4- Benzo fluoranthene ⁵ 10	625		
Benzo(ghi)perylene ⁶ 20	625		
Benzo(k)fluoranthene ⁵ 10	625		

<u>BASE/NEUTRAL COMPOUNDS</u>	<u>(µg/L)</u>	<u>PESTICIDES</u>		
	<u>EPA METHOD</u>			
Dibenzo (a,h) anthracene ⁶ 20	625	Aldrin ⁷	.05	608
1,2-Dichlorobenzene ⁵ 10	625	Alpha-BHC ⁷	.056	608
1,3-Dichlorobenzene ⁵ 10	625	Beta-BHC ⁷	.05	608
1,4-Dichlorobenzene ⁵ 10	625	Gamma-BHC (Lindane) ⁷	.05	608
3,3'-Dichlorobenzidine ⁶ 50	625	Delta-BHC ⁷	.05	608
Diethyl Phthalate ⁵ 10	625	Chlordane ⁷	.2	608
Dimethyl Phthalate ⁵ 10	625	4,4'-DDT ⁷	.1	608
Di-n-Butyl Phthalate ⁵ 10	625	4,4'-DDE (p,p-DDX) ⁷	.1	608
2,4-Dinitrotoluene ⁵ 10	625	4,4'-DDD (p,p-TDE) ⁷	.1	608
2,6-Dinitrotoluene ⁵ 10	625	Dieldrin ⁷	.1	608
Di-n-octyl Phthalate ⁵ 10	625	Alpha-endosulfan ⁷	.1	608
1,2-Diphenylhydrazine ⁴ 20	625	Beta-endosulfan ⁷	.1	608
Fluoranthene ⁵ 10	625	Endosulfan sulfate ⁷	.1	608
Fluorene ⁵ 10	625			
Hexachlorobenzene ⁵ 10	625			
Hexachlorobutadiene ⁵ 10	625			
Hexachlorocyclopentadiene ⁵ 10	625			
Hexachloroethane ⁶ 20	625			
Indeno (1,2,3-cd) pyrene ⁶ 20 (2,3-o-phenylene pyrene)	625			
Isophorone ⁵ 10	625			
Naphthalene ⁵ 10	625			
Nitrobenzene ⁵ 10	625			
N-nitrosodimethylamine ⁶ 50	625			
N-nitrosodi-n-propylamine ⁶ 20	625			
N-nitrosodiphenylamine ⁶ 20	625			
Phenanthrene ⁵ 10	625			
Pyrene ⁵ 10	625			
1,2,4-Trichlorobenzene ⁵ 10	625			

<u>PESTICIDES</u>	<u>($\mu\text{g/L}$)</u>	<u>EPA</u>
<u>METHOD</u>		
Endrin ⁷	.1	608
Endrin aldehyde ⁷	.1	608
Heptachlor ⁷	.05	608
Heptachlor epoxide ⁷ (BHC-hexachlorocyclohexane)	.1	608
PCB-1242 ⁷	1.0	608
PCB-1254	1.0	608
PCB-1221	1.0	608
PCB-1232	1.0	608
PCB-1248	1.0	608
PCB-1260	1.0	608
PCB-1016	1.0	608
Toxaphene ⁷	5.0	608

¹ Based on Contract Required Detection level(CRDL) developed pursuant to 40 CFR Part 300.430(b)(8)

² Method 213.2, 239.2, 220.2, 272.2

³ Dioxin National Strategy

⁴ No CRQL(Contract required Quantification Level developed pursuant to 40 CFR Part 300.430(b)(8)) established

⁵ CRQL basis, equivalent to ML

⁶ ML basis, higher than CRQL

⁷ CRQL basis, no ML established

⁸ CRQL basis, higher than ML

⁹ Based on 3.3 times IDL published in 40 CFR 136, Appendix C

Minimum Quantification Levels
NPDES Permit Effective October 2012 - Present

APPENDIX A of PART II

The following Minimum Quantification Levels (MQL's) are to be used for reporting pollutant data for NPDES permit applications and/or compliance reporting.

POLLUTANTS	MQL µg/l	POLLUTANTS	MQL µg/l
METALS, RADIOACTIVITY, CYANIDE and CHLORINE			
Aluminum	2.5	Molybdenum	10
Antimony	60	Nickel	0.5
Arsenic	0.5	Selenium	5
Barium	100	Silver	0.5
Beryllium	0.5	Thallium	0.5
Boron	100	Uranium	0.1
Cadmium	1	Vanadium	50
Chromium	10	Zinc	20
Cobalt	50	Cyanide	10
Copper	0.5	Cyanide, weak acid dissociable	10
Lead	0.5	Total Residual Chlorine	33
Mercury *1	0.0005 0.005		
DIOXIN			
2,3,7,8-TCDD	0.00001		
VOLATILE COMPOUNDS			
Acrolein	50	1,3-Dichloropropylene	10
Acrylonitrile	20	Ethylbenzene	10
Benzene	10	Methyl Bromide	50
Bromoform	10	Methylene Chloride	20
Carbon Tetrachloride	2	1,1,2,2-Tetrachloroethane	10
Chlorobenzene	10	Tetrachloroethylene	10
Clorodibromomethane	10	Toluene	10
Chloroform	50	1,2-trans-Dichloroethylene	10
Dichlorobromomethane	10	1,1,2-Trichloroethane	10
1,2-Dichloroethane	10	Trichloroethylene	10
1,1-Dichloroethylene	10	Vinyl Chloride	10
1,2-Dichloropropane	10		
ACID COMPOUNDS			
2-Chlorophenol	10	2,4-Dinitrophenol	50
2,4-Dichlorophenol	10	Pentachlorophenol	5
2,4-Dimethylphenol	10	Phenol	10
4,6-Dinitro-o-Cresol	50	2,4,6-Trichlorophenol	10

POLLUTANTS	MQL µg/l	POLLUTANTS	MQL µg/l
BASE/NEUTRAL			
Acenaphthene	10	Dimethyl Phthalate	10
Anthracene	10	Di-n-Butyl Phthalate	10
Benzidine	50	2,4-Dinitrotoluene	10
Benzo(a)anthracene	5	1,2-Diphenylhydrazine	20
Benzo(a)pyrene	5	Fluoranthene	10
3,4-Benzofluoranthene	10	Fluorene	10
Benzo(k)fluoranthene	5	Hexachlorobenzene	5
Bis(2-chloroethyl)Ether	10	Hexachlorobutadiene	10
Bis(2-chloroisopropyl)Ether	10	Hexachlorocyclopentadiene	10
Bis(2-ethylhexyl)Phthalate	10	Hexachloroethane	20
Butyl Benzyl Phthalate	10	Indeno(1,2,3-cd)Pyrene	5
2-Chloronaphthalene	10	Isophorone	10
Chrysene	5	Nitrobenzene	10
Dibenzo(a,h)anthracene	5	n-Nitrosodimethylamine	50
1,2-Dichlorobenzene	10	n-Nitrosodi-n-Propylamine	20
1,3-Dichlorobenzene	10	n-Nitrosodiphenylamine	20
1,4-Dichlorobenzene	10	Pyrene	10
3,3'-Dichlorobenzidine	5	1,2,4-Trichlorobenzene	10
Diethyl Phthalate	10		
PESTICIDES AND PCBS			
Aldrin	0.01	Beta-Endosulfan	0.02
Alpha-BHC	0.05	Endosulfan sulfate	0.02
Beta-BHC	0.05	Endrin	0.02
Gamma-BHC	0.05	Endrin Aldehyde	0.1
Chlordane	0.2	Heptachlor	0.01
4,4'-DDT and derivatives	0.02	Heptachlor Epoxide	0.01
Dieldrin	0.02	PCBs	0.2 *2
Alpha-Endosulfan	0.01	Toxaphene	0.3

(MQL's Revised November 1, 2007)

Footnotes:

- *1 Default MQL for Mercury is 0.005 unless Part I of your permit requires the more sensitive Method 1631 (Oxidation / Purge and Trap / Cold vapor Atomic Fluorescence Spectrometry), then the MQL shall be 0.0005.
- *2 For the one-time test requirement as shown in Section A of Part I of the permit above, the detection limits addressed in Method 1668A, as revised: Chlorinated Biphenyl Congeners in Water, Soil, Sediment and Tissue by High Resolution Gas Chromatography/High Resolution Mass Spectrometry (HRGC/HRMS) shall be used.

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Ms. Hannah Branning (6EN-WC) nailing.
Environmental Specialist

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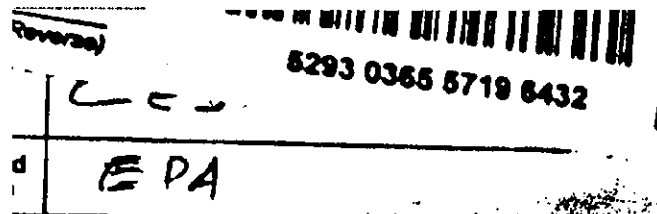
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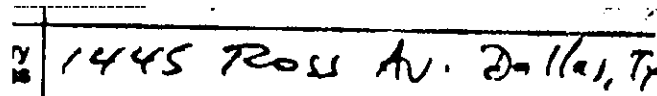
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