

GW - 035

712 Waste

YEAR(S):

2008 - Present

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Thursday, March 31, 2011 5:02 PM
To: 'Kinard, Todd A.'; Pinkerton, Barbara
Subject: RE: Updated analytical for GW-035 Gas Condensate Filters Sample 3-24-2011

Based upon the laboratory analytical results provided, OCD hereby approves of your request pursuant to 19.15.35.8 NMAC for disposal of the proposed non- domestic waste at a solid waste facility. The following wastes are approved:

- San Juan Gas Plant (GW-035) – Gas Condensate Filter (based upon review of BTEX results)

Waste Management is responsible for the review of any additional testing that they request beyond the testing parameters specified under the provisions of Subsection C of Section 8 of 19.15.35 NMAC. Please confirm with the San Juan Regional County Landfill (SJRL) of any additional testing they might require and their willingness to accept such waste prior to delivery.

Please be advised that approval of this request does not relieve ConocoPhillips of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve ConocoPhillips of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact me.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Kinard, Todd A. [<mailto:Todd.A.Kinard@conocophillips.com>]
Sent: Thursday, March 31, 2011 7:43 AM
To: Pinkerton, Barbara
Cc: Jones, Brad A., EMNRD
Subject: Updated analytical for GW-035 Gas Condensate Filters Sample 3-24-2011

Barbara and Brad,
Here is the analytical results for our Gas Condensate Filters.
For Brad this is just to update the GW-035 records.
For Barbara this is for the profile renewal. Can you provide me with the remaining forms for the renewal?
Thanks,
Todd Kinard
San Juan Gas Plant

Jones, Brad A., EMNRD

From: Kinard, Todd A. [Todd.A.Kinard@conocophillips.com]
Sent: Thursday, March 31, 2011 7:43 AM
To: Pinkerton, Barbara
Cc: Jones, Brad A., EMNRD
Subject: Updated analytical for GW-035 Gas Condensate Filters Sample 3-24-2011
Attachments: Gas Condensate Filters Sample 3-24-2011.pdf

Barbara and Brad,
Here is the analytical results for our Gas Condensate Filters.
For Brad this is just to update the GW-035 records.
For Barbara this is for the profile renewal. Can you provide me with the remaining forms for the renewal?
Thanks,
Todd Kinard
San Juan Gas Plant
505-632-4954



GAL ID No.: 1103-062-01

March 24, 2011

Conoco Phillips
PO Box 217
Bloomfield, NM 87413
Attention: Todd Kinard

Project Name:
Project Number:
Date Received: 03/15/11

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluating Solid Wastes, SW846.

Samples were received by Green Analytical Laboratories in good condition on 03/15/11. Analysis was performed by our affiliate lab, Cardinal Laboratories.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

A handwritten signature in cursive script that reads 'Debbie Zufelt'.

Debbie Zufelt
Laboratory Manager

Enclosure



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

March 22, 2011

Debbie Zufelt

Green Analytical Laboratories

75 Suttle Street

Durango, CO 81303

RE: CONOCO PHILLIPS

Enclosed are the results of analyses for samples received by the laboratory on 03/18/11 10:30.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Hope Moreno

Inorganic Technical Director

Analytical Results For:

 Green Analytical Laboratories
 Debbie Zufelt
 75 Suttle Street
 Durango CO, 81303
 Fax To: (970) 247-4227

 Received: 03/18/2011
 Reported: 03/22/2011
 Project Name: CONOCO PHILLIPS
 Project Number: NONE GIVEN
 Project Location: CONOCO PHILLIPS

 Sampling Date: 03/15/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: GCS #1 (H100526-01)

BTEX 8021B

mg/kg

Analyzed By: CMS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.31	0.500	03/21/2011	ND	1.73	86.3	2.00	6.57	
Toluene*	7.23	0.500	03/21/2011	ND	1.80	89.9	2.00	6.23	
Ethylbenzene*	0.580	0.500	03/21/2011	ND	1.85	92.7	2.00	6.70	
Total Xylenes*	4.72	1.50	03/21/2011	ND	5.51	91.8	6.00	6.51	

Surrogate: 4-Bromofluorobenzene (PIL) 92.9 % 70-130

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Hope Moreno, Inorganic Technical Director

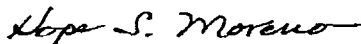
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

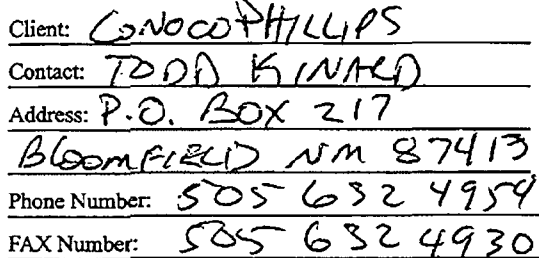
Cardinal Laboratories

*==Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Hope Moreno, Inorganic Technical Director



Page 1 of 1

1) Ensure proper container packaging.
2) Ship samples promptly following collection.
3) Designate Sample Reject Disposition.

PO# BARKEVL

Project Name: GTS CONDENSATE FLOW

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

GAL JOB #

1103-062

Samplers Signature: *[Signature]*

Lab Name: Green Analytical Laboratories						(970) 247-4220 FAX (970) 247-4227		Analyses Required								Comments 4.5°C			
Address: 75 Suttle Street, Durango, CO 81303																			
Sample ID	Collection		Miscellaneous			Preservative(s)					BTEx								
	Date	Time	Collected by: (Init.)	Matrix Type From Table I	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO ₃	HCL	H ₂ SO ₄						NAOH			Other (Specify)
1. GCS #1	3/15/11	1421	TAL	G	1	N	X												
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
Relinquished by: [Signature]						Date: 3/15/11		Time: 1500		Received by: [Signature]						Date: 3/15/11		Time: 1500	
Relinquished by:						Date:		Time:		Received by:						Date:		Time:	

* Sample Reject: ☐ Return ☐ Dispose ☐ Store (30 Days)

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Tuesday, February 01, 2011 4:29 PM
To: 'Kinard, Todd A.'
Cc: Lowe, Leonard, EMNRD
Subject: RE: Lube oil Filter analytical 1-2011 for GW-035

Based upon the laboratory analytical results provided, OCD hereby approves of your request pursuant to 19.15.35.8 NMAC for disposal of the proposed non- domestic waste at a solid waste facility. The following wastes are approved:

- San Juan Gas Plant (GW-035) – Waste Oil Filter (based upon review of TCLP/metals results)

Waste Management is responsible for the review of any additional testing that they request beyond the testing parameters specified under the provisions of Subsection C of Section 8 of 19.15.35 NMAC. Please confirm with the San Juan Regional County Landfill (SJRCL) of any additional testing they might require and their willingness to accept such waste prior to delivery.

Please be advised that approval of this request does not relieve ConocoPhillips of responsibility should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve ConocoPhillips of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If there are any questions regarding this matter, please do not hesitate to contact me.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Kinard, Todd A. [<mailto:Todd.A.Kinard@conocophillips.com>]
Sent: Tuesday, February 01, 2011 8:36 AM
To: Jones, Brad A., EMNRD
Subject: Lube oil Filter analytical 1-2011 for GW-035

Brad,
Hopefully this is a complete set of documents for you on the Lube Oil filters from the San Juan Plant

If you have questions, please call.
Thanks,
Todd Kinard
Compliance Coordinator

San Juan Gas Plant
P:505-632-4954
C:505-330-8309

Jones, Brad A., EMNRD

From: Kinard, Todd A. [Todd.A.Kinard@conocophillips.com]
Sent: Tuesday, February 01, 2011 8:36 AM
To: Jones, Brad A., EMNRD
Subject: Lube oil Filter analytical 1-2011 for GW-035
Attachments: Filter analytical 1-2011.pdf

Brad,

Hopefully this is a complete set of documents for you on the Lube Oil filters from the San Juan Plant

If you have questions, please call.

Thanks,

Todd Kinard

Compliance Coordinator

San Juan Gas Plant

P:505-632-4954

C:505-330-8309



ASAP - but not expedited

CHAIN OF CUSTODY RECORD

Page 1 of 1

Client: Conoco Phillips
Contact: Todd Kinsard
Address: 61 Cr 4500
Bloom Field NM 87413
Phone Number: 505-632-4954
FAX Number: 505-632-4930

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO# Bark evl

Project Name:

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinsate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB #

1101-050

Samplers Signature: [Signature]

Lab Name: Green Analytical Laboratories (970) 247-4220 FAX (970) 247-4227												Analyses Required								Comments				
Address: 75 Suttle Street, Durango, CO 81303													TCLP (metals)											
Sample ID	Collection		Collected by: (Init.)	Miscellaneous			Preservative(s)																	
	Date	Time		Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH	Other (Specify)												
01 1. Special Waste	1-12-11	1:30pm	DK	3	1	N	X															Filter Profile		
2.																								
3.																								
4.																								
5.																								
6.																								
7.																								
8.																								
9.																								
10.																								
Relinquished by: <u>[Signature]</u>			Date: <u>1-12-11</u>		Time: <u>4:06pm</u>		Received by: <u>[Signature]</u>			Date: <u>1/12/11</u>		Time: <u>7:06pm</u>												
Relinquished by:			Date:		Time:		Received by:			Date:		Time:												

* Sample Reject: [] Return [] Dispose [] Store (30 Days)



GAL ID No.: 1101-050-01

January 25, 2011

Conoco Phillips San Juan Gas Plant
PO Box 217
Bloomfield, NM 87413
Attention: Todd Kinard

Project Name: Special Waste
Project Number:
Date Received: 01/12/11

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020, and Test Methods for Evaluating Solid Wastes, SW846.

Samples were received by Green Analytical Laboratories in good condition on 01/12/11.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

A handwritten signature in cursive script that reads 'Debbie Zufelt'.

Debbie Zufelt
Laboratory Manager

Green Analytical Laboratories
75 Suttle Street
Durango, CO 81303

Conoco Phillips San Juan Gas Plant
PO Box 217
Bloomfield, NM 87413
Attention: Todd Kinard

PROJECT NAME:

PROJECT NUMBER:

SAMPLE I.D.:

Special Waste

GAL I.D.: 1101-050-01

Date Received: 01/12/11

Date Reported: 01/25/11

QC Batches:

Sample Date: 01/12/11

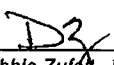
Sample Matrix: Solid

Units: mg/L

TCLP Metals

RESULTS

PARAMETER	METHOD	REPORT		DILUTION	DATE	
		LIMIT	RESULT		ANALYZED	ANALYST
Arsenic	6010B	0.10	<0.10	1	01/21/11	je
Barium	6010B	0.01	0.02	1	01/21/11	je
Cadmium	6010B	0.01	<0.01	1	01/21/11	je
Chromium	6010B	0.01	<0.01	1	01/21/11	je
Lead	6010B	0.05	<0.05	1	01/21/11	je
Mercury	7471A	0.0002	<0.0002	1	01/18/11	je
Selenium	6010B	0.20	<0.20	1	01/21/11	je
Silver	6010B	0.01	<0.01	1	01/21/11	je


Debbie Zuleta, Laboratory Manager

Green Analytical Laboratories

METALS SRM

LAB ID#	SRM Data			
1101-050				
PARAMETER	SRM Result	True Value	SRM % Rec	Acceptance Range
Arsenic	5.16	5.00	103	90-110 %
Barium	2.45	2.50	98.0	90-110 %
Cadmium	2.65	2.50	106	90-110 %
Chromium	2.65	2.50	106	90-110 %
Lead	5.37	5.00	107	90-110 %
Mercury	0.00	0.00	105	90-110 %
Selenium	10.5	10.0	105	90-110 %
Silver	0.53	0.50	106	90-110 %

NA=Data not available

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Wednesday, April 30, 2008 8:54 AM
To: 'Kinard, Todd A.'
Subject: RE:GW-035 712 Waste Analytical for Amine Filters and EPBC (Gas Condensate Filters)

Todd,

Thank you for updating the analytical results regarding 712 waste approved under ConocoPhillips San Juan Basin Gas Plant Permit GW-035. Based upon the review of laboratory analytical results provided, the Amine Filters and EPBC (Gas Condensate Filters) satisfy the standards pursuant to Rule 712 (19.15.9.712 NMAC) for disposal of the proposed non- domestic waste at a solid waste facility.

Waste Management is responsible for the review of any additional testing that they request beyond the testing parameters specified under the provisions of Subsection D of Section 712 of 19.15.9 NMAC. Please confirm with the San Juan Regional County Landfill (SJRCL) of any additional testing they might require and their willingness to accept such waste prior to delivery.

Please be advised that approval of this request does not relieve ConocoPhillips of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve ConocoPhillips of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If you have any questions regarding this matter, please do not hesitate to contact me.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Kinard, Todd A. [mailto:Todd.A.Kinard@conocophillips.com]
Sent: Tuesday, April 29, 2008 1:44 PM
To: Jones, Brad A., EMNRD

4/30/2008

Cc: Kinard, Todd A.

Subject: Analytical for Amine Filters and EPBC (Gas Condensate Filters)

Mr. Jones,

I have attached the filter analytical information for your review. If you have any questions, please call.

Thanks,

Todd Kinard

Compliance Coordinator

ConocoPhillips-San Juan Basin Gas Plant

P:505-632-4954

C:505-330-8309

F:505-632-4930

<<Sample Results for Amine and EPBC filter- conoco phillips.pdf>>

This inbound email has been scanned by the MessageLabs Email Security System.

Jones, Brad A., EMNRD

From: Kinard, Todd A. [Todd.A.Kinard@conocophillips.com]
Sent: Tuesday, April 29, 2008 1:44 PM
To: Jones, Brad A., EMNRD
Cc: Kinard, Todd A.
Subject: Analytical for Amine Filters and EPBC (Gas Condensate Filters)
Attachments: Sample Results for Amine and EPBC filter- conoco phillips.pdf

Mr. Jones,
I have attached the filter analytical information for your review. If you have any questions, please call.
Thanks,

Todd Kinard
Compliance Coordinator
ConocoPhillips-San Juan Basin Gas Plant
P:505-632-4954
C:505-330-8309
F:505-632-4930

<<Sample Results for Amine and EPBC filter- conoco phillips.pdf>>

This inbound email has been scanned by the MessageLabs Email Security System.

4/30/2008

24 April 2008

Debbie Zufelt
Green Analytical
75 Suttle Street
Durango, CO 81303
RE: Conoco Phillips

Enclosed are the results of analyses for samples received by the laboratory on 04/19/08 09:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Albert Vargas". The signature is written in black ink and is positioned above the printed name and title.

Albert Vargas
Senior Project Coordinator

Green Analytical
75 Suttle Street
Durango CO, 81303

Project: Conoco Phillips
Project Number: GA08-081
Project Manager: Debbie Zufelt

Reported:
04/24/08 16:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EPBC	T800528-01	Filter	04/16/08 11:30	04/19/08 09:30
Amine Charcoal	T800528-02	Filter	04/16/08 11:30	04/19/08 09:30
Amine Sock	T800528-03	Filter	04/16/08 11:30	04/19/08 09:30

SunStar Laboratories, Inc.



Albert Vargas, Senior Project Coordinator

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Green Analytical
75 Suttle Street
Durango CO, 81303

Project: Conoco Phillips
Project Number: GA08-081
Project Manager: Debbie Zufelt

Reported:
04/24/08 16:26

EPBC
T800528-01 (Filter)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8021B

M-02

Benzene	52	5.0	ug/kg	1	8042206	04/22/08	04/23/08	EPA 8021B	
Toluene	41	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	14	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		52.5 %	73.5-148		"	"	"	"	

SunStar Laboratories, Inc.



Albert Vargas, Senior Project Coordinator

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Green Analytical
75 Suttle Street
Durango CO, 81303

Project: Conoco Phillips
Project Number: GA08-081
Project Manager: Debbie Zufelt

Reported:
04/24/08 16:26

Amine Charcoal
T800528-02 (Filter)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8021B

M-02

Benzene	390	5.0	ug/kg	1	8042206	04/22/08	04/23/08	EPA 8021B	
Toluene	320	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	35	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		66.5 %	73.5-148		"	"	"	"	

SunStar Laboratories, Inc.



Albert Vargas, Senior Project Coordinator

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Green Analytical
75 Suttle Street
Durango CO, 81303

Project: Conoco Phillips
Project Number: GA08-081
Project Manager: Debbie Zufelt

Reported:
04/24/08 16:26

Amine Sock
T800528-03 (Filter)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	--------	--------------------	-------	----------	-------	----------	----------	--------	-------

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8021B

Benzene	460	5.0	ug/kg	1	8042206	04/22/08	04/23/08	EPA 8021B	
Toluene	270	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
m,p-Xylene	30	10	"	"	"	"	"	"	
o-Xylene	ND	5.0	"	"	"	"	"	"	

Surrogate: 4-Bromofluorobenzene		92.6 %	73.5-148	"	"	"	"	"	
---------------------------------	--	--------	----------	---	---	---	---	---	--

SunStar Laboratories, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Albert Vargas, Senior Project Coordinator

Green Analytical
75 Suttle Street
Durango CO, 81303

Project: Conoco Phillips
Project Number: GA08-081
Project Manager: Debbie Zufelt

Reported:
04/24/08 16:26

Volatile Organic Compounds by EPA Method 8021B - Quality Control
SunStar Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 8042206 - EPA 5030 GC

Blank (8042206-BLK1)

Prepared: 04/22/08 Analyzed: 04/23/08

Surrogate: 4-Bromofluorobenzene	527		ug/kg	500		105	73.5-148			
Benzene	ND	5.0	"							
Toluene	ND	5.0	"							
Ethylbenzene	ND	5.0	"							
m,p-Xylene	ND	10	"							
o-Xylene	ND	5.0	"							

LCS (8042206-BS1)

Prepared: 04/22/08 Analyzed: 04/23/08

Surrogate: 4-Bromofluorobenzene	620		ug/kg	500		124	73.5-148			
Benzene	247	5.0	"	250		98.9	70-130			
Toluene	250	5.0	"	250		99.8	70-130			
Ethylbenzene	264	5.0	"	250		106	70-130			
m,p-Xylene	529	10	"	500		106	70-130			
o-Xylene	258	5.0	"	250		103	70-130			

LCS Dup (8042206-BSD1)

Prepared: 04/22/08 Analyzed: 04/23/08

Surrogate: 4-Bromofluorobenzene	663		ug/kg	500		133	73.5-148			
Benzene	262	5.0	"	250		105	70-130	5.86	20	
Toluene	275	5.0	"	250		110	70-130	9.63	20	
Ethylbenzene	289	5.0	"	250		116	70-130	9.08	20	
m,p-Xylene	577	10	"	500		115	70-130	8.66	20	
o-Xylene	286	5.0	"	250		114	70-130	10.4	20	

SunStar Laboratories, Inc.



Albert Vargas, Senior Project Coordinator

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Green Analytical
75 Suttle Street
Durango CO, 81303

Project: Conoco Phillips
Project Number: GA08-081
Project Manager: Debbie Zufelt

Reported:
04/24/08 16:26

Notes and Definitions

M-02 Multiple analysis yielded poor internal standard and/or surrogate recoveries due to matrix effect. Results reported are from the most complete recovery of internal standards, however, recoveries were not within the acceptable limits of the method.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

SunStar Laboratories, Inc.



Albert Vargas, Senior Project Coordinator

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Jones, Brad A., EMNRD

From: Cox, Beverly J. [Beverly.J.Cox@conocophillips.com]
Sent: Thursday, August 02, 2007 3:37 PM
To: Chavez, Carl J, EMNRD; Jones, Brad A., EMNRD
Cc: Cox, Beverly J.; Kinard, Todd A.
Subject: Molecular Sieve Waste Question
Attachments: SJGP Mole Sieve Results 2006.pdf; Appendix F Waste Management Practices.xls

Carl & Brad,

As per our discussion yesterday afternoon I am seeking your opinion on whether or not another analysis would be required for molecular sieve that was sampled in 2006.

In 2006 the plant was down for schedule maintenance. During this period the tops of the dehydrators were opened to collect a sample of the mole sieve so that a profile could be established by Waste Management for future disposal. The sample analysis is attached. There has been no change to the process; therefore, in ConocoPhillips opinion, the analysis performed in 2006 would suffice for mole sieve waste generated in the future. Please note, in order to collect a sample of the mole sieve, the plant will have to be shut-in and the system that contains the mole sieve will have to be depressured.

Molecular Sieve is an approved waste stream covered in the San Juan Gas Plant Ground Water Discharge (GW-035) Plan. This waste stream can be found in Appendix F which is attached.

The waste stream will be disposed of at a Waste Management Facility. After discussions with Waste Management on future disposal of the mole sieve, they have communicated to me that if the OCD's opinion is that new sampling would not be required they would take that into consideration for their decision of re-testing.

I appreciate your comments on this matter,

Beverly

<<SJGP Mole Sieve Results 2006.pdf>> <<Appendix F Waste Management Practices.xls>>

Beverly J. Cox
Environmental Specialist
ConocoPhillips San Juan Business Unit
505.324.6194 Cell: 505.947-7243

This inbound email has been scanned by the MessageLabs Email Security System.

8/2/2007

San Juan Gas Plant

Appendix F

Waste Management Practices

<u>Solid Waste</u>	<u>Rule 712 Reference</u>	<u>Process Generating Waste</u>	<u>Number of Units</u>	<u>Quantity per unit</u>	<u>Totals</u>	<u>Frequency of change "Months"</u>	<u>Annualized Waste Generated</u>	<u>Disposal</u>
Amine Sock Filters	D.2.c	Amine System	1	200	200	3	800	- Drain, dried, keep separate, & disposed at local landfill
Amine Charcoal Filters	D.2.c	Amine System	1	45	45	3	180	- Drain, dried, keep separate, & disposed at local landfill
D-R Lub Skid Filters	D.2.o	D-R Compressor Units	3	51	153	24	76.5	- Drain, dried, keep separate, & disposed at local landfill
Solar Lub Skid Filters	D.2.o	Solar Generator Units	4	5	20	12	20	- Drain, dried, keep separate, & disposed at local landfill
Refrigeration Compressor Lub Filters	D.2.o	Refrig. Compressor Units	3	1	3	12	3	- Drain, dried, keep separate, & disposed at local landfill
EP Compressor Lub Filters	D.2.o	EP Compressor Units	2	1	2	12	2	- Drain, dried, keep separate, & disposed at local landfill
Instrument Air Compressor Filters	D.2.o	Instrument Air Units	3	9	27	12	27	- Drain, dried, keep separate, & disposed at local landfill
Instrument Air Dehy Filters	D.2.f	Instrument Air Dehy System	1	10	10	6	20	- Disposed of at local landfill
Expander Lub Skid Filters	D.2.o	Expander Lub Skid	2	3	6	12	6	- Drain, dried, keep separate, & disposed at local landfill
Emergency Generator Filters	D.2.o	Emergency Generator	1	10	10	12	10	- Drain, dried, keep separate, & disposed at local landfill
Fire Water Pump Filters	D.2.o	Fire Water Pump	1	3	3	12	3	- Drain, dried, keep separate, & disposed at local landfill
Regen Compressor Lub Filters	D.2.o	Regen Compressors	2	1	2	24	1	- Drain, dried, keep separate, & disposed at local landfill
P-903 Pump Lub Filters	D.2.o	EPBC Pumps	4	1	4	6	8	- Drain, dried, keep separate, & disposed at local landfill
Inlet Gas Filters	D.2.g	Inlet Gas Dehy Units	2	28	56	6	112	- Drain, dried, keep separate, & disposed at local landfill
Inlet Gas Coalescing Filters	D.2.g	Inlet Gas Dehy Units	2	27	54	12	54	- Drain, dried, keep separate, & disposed at local landfill
Inlet Gas Dust Filters	D.2.f	Inlet Gas Dehy Units	2	55	110	6	220	- Drain, dried, keep separate, & disposed at local landfill
EPBC Coalescing Filters	D.2.g	EPBC Dryer Unit	1	25	25	3	100	- Drain, dried, keep separate, & disposed at local landfill
Avon Inlet Air Filters	D.1.k	D-R Compressor Units	3	224	672	24	336	- Drain, dried, keep separate, & disposed at local landfill
Solar Inlet Air Filters	D.1.k	Solar Generator Units	4	48	192	24	96	- Disposed of at local landfill
Total Annual Filters Waste: 2,075								
Molecular Sieve U194	D.2.k	Inlet Gas Dehy Units	6	586	3516	36	1,172	- Disposed of at local landfill
Support Balls	D.3.j	Inlet Gas Dehy Units	6	33	198	36	99	- Disposed of at local landfill
Activated Alumina	D.2.a	EPBC Dryer Units	2	195	390	36	130	- Disposed of at local landfill
Activated Alumina	D.2.a	Instrument Air Dryer Unit	1	16	16	12	16	- Disposed of at local landfill
Activated Carbon	D.2.b	Instrument Air Dryer Unit	1	4	4	12	4	- Disposed of at local landfill
Oil Adsorbing Material	D.1.n	Clean-up around Plant	-	675	675	4	2,025	- Drain, dried, keep separate, & disposed at local landfill
Evaporation / Cooling Tower sediment	D.3.n	Cooling Tower	3	25	75	12	60	- Drain, dried, keep separate, & disposed at local landfill
Pipe scale	D.2.l	Piping and Equipment	-	-	-	-	-	- Disposed of at local landfill
Oily Rags	D.1.n	Plant maintenance activities	-	-	-	-	-	- Drain, dried, keep separate, & disposed at local landfill
Insulation Material	D.3.f	Plant maintenance activities	-	-	-	-	-	- Disposed of at local landfill
Aerosol Cans	N/A	Plant maintenance activities	-	-	-	-	-	- Safety Kleen pick up
Paper Trash	D.1.k	Office Trash	-	-	-	-	-	- Disposed of at local landfill
Sand Blasting Media - B/B Abrasive	D.2.n	Sand blasting	-	-	-	-	-	- Disposed of at local landfill
Florescent lamps	N/A	Office lighting, Plant lighting	-	-	-	-	-	- Safety Kleen pick up
Annualized Waste Generated								
<u>Liquid Waste</u>		<u>Process Generating This Waste</u>	<u>Storage Unit</u>	<u>Quantity per Day</u>	<u>Quantity per Month</u> Gallons		<u>Annualized Waste Generated</u>	
Produced Waste Waters		Inlet Scrubber Dumps	TK-1403	7,900	240,950	-	2,891,400	- Pumped/hailed to Disposal Well
CT Blowdown water		Cooling Tower	Ponds	18,000	550,000	-	6,600,000	- SJ Evaporation ponds or Disposal Well
Waste Amine		Waste Amine System	TK-803	3,600	10,920	-	131,040	- Pumped/hailed to Disposal Well
Slop Oil (process liquids)		Inlet Scrubber Dumps	TK-1402	25	760	-	9,120	- Sale to Giant Refinery
Solvents		Parts cleaning Unit	-	-	40	-	480	- Recycled
Paint & Activator		Plant maintenance activities	-	-	-	-	-	- Use up all paint, dry out cans, & dispose at local landfill
Waste oil (equipment lube oils)		Compressors/Turbines	TK-1402A	-	250	-	3000	- Recycled
Lab Waste		Laboratory	Satellite Accumulation	-	5 lbs.	-	60 lbs.	- As needed upon OCD approval
Spent H2S scavenging solution HSW-700/710		Amine System	TK-804	-	-	-	25,200	- As needed to Disposal Well



CHAIN OF CUSTODY RECORD

Page ____ of ____

 Client: Conoco Phillips STGP

 Contact: Micha Colvard

 Address: 61 County Road 4900
Bloomfield, NM 87413

 Phone Number: 505 632 4905

 FAX Number: 632 4930

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

 Project Name: MOLE SIEVE

 Project Name: MOLE SIEVE

Table 1. - Matrix Type

- 1 = Surface Water, 2 = Ground Water
- 3 = Soil/Sediment, 4 = Rinseate, 5 = Oil
- 6 = Waste, 7 = Other (Specify)

FOR GAL USE ONLY

GAL JOB #

605-144

 Samplers Signature: TP Colvard

 Lab Name: Green Analytical Laboratories, Inc. (970) 247-4220 FAX (970) 247-4227
 Address: 75 Suite Street, Durango, CO 81303

Sample ID	Date	Time	Collected by: (Init.)	Miscellaneous			Preservative(s)					Analyses Required						Comments	
				Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4	NAOH	Other (Specify)	TPH	BTEX	RCRA 8 METALS				
1. Mole Sieve	5-16-06	3pm	AKC	7	1	NO													
2. Filters	5-23-06	3pm	AKC	7	1	NO													
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
Relinquished by: <u>TP Colvard</u>			Date: <u>5-23-06</u>	Time: <u>1:44pm</u>	Received by: <u>Michael Chan</u>			Date: <u>5-24-06</u>	Time: <u>1:44pm</u>										
Relinquished by: <u>TP Colvard</u>			Date: <u>5-23-06</u>	Time: <u>1:44pm</u>	Received by: <u>Michael Chan</u>			Date: <u>5-24-06</u>	Time: <u>1:44pm</u>										

* Sample Reject: [] Return [] Dispose [] Store (30 Days)

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

Conoco Phillips SJGP
61 County Road 4900
Bloomfield, NM 87413
Attention: Micky Colomb

GAL I.D.: 605-144-01

Date Received: 05/24/06

Date Reported: 06/07/06

QC Batches:

PROJECT NAME: Conoco Phillips SJGPPROJECT NUMBER:SAMPLE I.D.: Mole Sieve

Sample Date: 05/16/06

Sample Matrix: Filter

Petroleum Hydrocarbons

RESULTS

PARAMETER	METHOD	REPORT		DIL	UNITS	DATE	
		LIMIT	RESULT			ANALYZED	ANALYST
Benzene	8021	50	3450	1	µg/kg	06/04/06	KP
Toluene	8021	50	11800	1	µg/kg	06/04/06	KP
Ethylbenzene	8021	50	1820	1	µg/kg	06/04/06	KP
Xylene, total	8021	50	51100	1	µg/kg	06/04/06	KP
TPHGRO	8015	1000	147000	1	µg/kg	06/01/06	KP
TPHDRO	8015	16	<16	1	mg/kg	06/04/06	KP
TPHORO	8015	16	22	1	mg/kg	06/04/06	KP

D. Zupelt
For: John Gordon, Laboratory Manager

Jones, Brad A., EMNRD

From: Kinard, Todd A. [Todd.A.Kinard@conocophillips.com]
Sent: Thursday, February 21, 2008 10:58 AM
To: Jones, Brad A., EMNRD
Subject: FW: Waste Profile renewal.
Attachments: QAQA form from Green.xls; Analytical sample results 12-26-2007.PDF

As per our earlier conversation, I know that you will not be sending me an additional approval. This waste stream is already approved under our current GWD plan GW-035. Can you please add this to our file.

Thanks,

Todd Kinard

From: Kinard, Todd A.
Sent: Wednesday, February 20, 2008 9:22 AM
To: 'brad.a.jones@state.nm.us'
Subject: Waste Profile renewal.

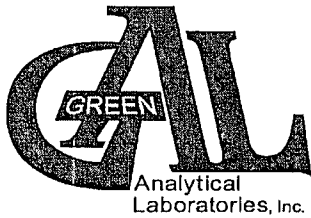
Mr. Jones,

I received an email from Stacy at Waste Management concerning analytical information for a profile renewal. In her email she states that she had a discussion with you concerning our approved GWD plan, and that you informed her that you wanted to see our analytical information. If that is the case, I have attached the information we gathered. I am concerned however, that I am getting this request from waste management on your behalf. Can you give me some clarification on this please? If you have any questions concerning this email please call my cell phone number below.

Todd Kinard
Compliance Coordinator
ConocoPhillips-San Juan Basin Gas Plant
P:505-632-4954
C:505-330-8309
F:505-632-4930
<<QAQA form from Green.xls>> <<Analytical sample results 12-26-2007.PDF>>

This inbound email has been scanned by the MessageLabs Email Security System.

2/21/2008



**Green Analytical
Laboratories, Inc.**

75 Suttle Street
Durango, CO 81303
970-247-4220

Customer: Conoco Phillips - SJGP
PO Box 217
Bloomfield, NM 87413

Report Date: 12/26/2007
Collected: 12/7/2007
Received: 12/7/2007
Sample Matrix: Solid

Todd Kinard

Project Name: Filters
Project Number: BARKEVL
Sample ID: Filters

Sample	Analysis	MDL	Result	Units	Date	Tech	Method
0712111302	Arsenic, total	0.1	<0.1	mg/L	12/19/2007	jc	EPA 200.7
	Barium, total	0.01	0.2	mg/L	12/19/2007	jc	EPA 200.7
	Cadmium, total	0.01	1.16	mg/L	12/19/2007	jc	EPA 200.7
	Chromium, total	0.01	<0.01	mg/L	12/19/2007	jc	EPA 200.7
	Lead, total	0.05	0.48	mg/L	12/19/2007	jc	EPA 200.7
	Mercury, total	0.0002	<0.0002	mg/L	12/20/2007	jc	EPA 245.1
	Selenium, total	0.2	<0.20	mg/L	12/19/2007	jc	EPA 200.7
	Silver, total	0.01	<0.01	mg/L	12/19/2007	jc	EPA 200.7



John Green, Lab Director



Analytical
Laboratories, Inc.

CHAIN OF CUSTODY RECORD

Page ____ of ____

Client: Conoco Phillips

NOTES:

1) Ensure proper container packaging.

2) Ship samples promptly following collection.

3) Designate Sample Reject Disposition.

PO# BARKEVEL

Project Name: FILTER

Samplers Signature: _____

FAX Number: 505 632-4930

Phone Number: 505 632-4954

Address: P.O. BOX 217

Bloomfield, NM 87413

Table 1. - Matrix Type

1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinseate, 5 = Oil
6 = Waste, 7 = Other (Specify) _____

FOR GAL USE ONLY

GAL JOB #

071211

1302

Lab Name: Green Analytical Laboratories, Inc. (970) 247-4220 FAX (970) 247-4227

Address: 75 Suttle Street, Durango, CO 81303

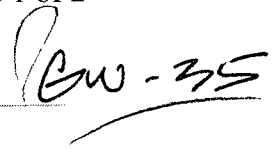
Sample ID	Date	Time	Miscellaneous			Preservative(s)					Analyses Required	Comments		
			Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	HNO3	HCL	H2SO4			NAOH	Other (Specify)
1. <u>FILTERS</u>	<u>12/17/07</u>	<u>3:00pm</u>	<u>me</u>		<u>1</u>	<u>2</u>	<u>✓</u>						<u>> TCLP METALS</u>	
2.														
3.														
4.														
5.														
6.														
7.														
8.														
9.														
10.														
Relinquished by: <u>Chadwick</u>			Date: <u>12/17/07</u>	Time: <u>1542</u>	Received by: <u>Mark Davis</u>			Date: <u>12/17/07</u>	Time: <u>1542</u>					
Relinquished by:			Date:	Time:	Received by:			Date:	Time:					

Green Analytical Laboratories, Inc.

METALS SRM

LAB ID#	SRM Data			
071211 1302				
PARAMETER	SRM Result	True Value	SRM % Rec	Acceptance Range
Arsenic	10.3	10.0	103	90-110 %
Barium	4.84	5.00	97	90-110 %
Cadmium	5.12	5.00	102	90-110 %
Chromium	2.60	2.50	104	90-110 %
Lead	10.3	10.0	103	90-110 %
Mercury	0.002	0.002	100	90-110 %
Selenium	10.4	10.0	104	90-110 %
Silver	0.26	0.25	102	90-110 %

NA=Data not available

Jones, Brad A., EMNRD

From: Jones, Brad A., EMNRD
Sent: Thursday, July 12, 2007 1:18 PM
To: 'Kinard, Todd A.'
Cc: Chavez, Carl J, EMNRD
Subject: RE: Analytical Information for Sand Blast Media at San Juan Basin Gas Plant

Based upon the laboratory analytical results provided, OCD hereby approves of your request pursuant to Rule 712 (19.15.9.712 NMAC) for disposal of the proposed non-domestic waste (Sand Blast Material) at a solid waste facility. Please confirm with the San Juan Regional County Landfill (SJRL) of any additional testing they might require and their willingness to accept such waste prior to delivery.

Please be advised that approval of this request does not relieve ConocoPhillips San Juan Gas Plant of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve ConocoPhillips San Juan Gas Plant of its responsibility to comply with any other applicable governmental authority's rules and regulations.

If you have any questions regarding this matter, please do not hesitate to contact me.

Brad

Brad A. Jones
Environmental Engineer
Environmental Bureau
NM Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505
E-mail: brad.a.jones@state.nm.us
Office: (505) 476-3487
Fax: (505) 476-3462

From: Kinard, Todd A. [mailto:Todd.A.Kinard@conocophillips.com]
Sent: Thursday, July 12, 2007 9:41 AM
To: Jones, Brad A., EMNRD
Subject: Analytical Information for Sand Blast Media at San Juan Basin Gas Plant

Brad,
I have attached the analytical information. If you have any other questions, just give me a call.
Thanks,

Todd Kinard
Compliance Coordinator

7/12/2007

ConocoPhillips

San Juan Basin Gas Plant

Phone: 505-632-4954

Cell: 505-330-8309

<<Sand Blast Media.pdf>>

This inbound email has been scanned by the MessageLabs Email Security System.

7/12/2007



GREEN
Analytical
Laboratories, Inc.

Client: LOWECO PHILIPS STGP

Contact: PAID KINARD

Address: P.O. BOX 217

BLOOMFIELD NJ 07003

Phone Number: 505 632 4900

FAX Number: 505 632 4930

CHAIN OF CUSTODY RECORD

NOTES:

- 1) Ensure proper container packaging.
- 2) Ship samples promptly following collection.
- 3) Designate Sample Reject Disposition.

PO#

Project Name: TK-301

Table 1. - Matrix Type

- 1 = Surface Water, 2 = Ground Water
3 = Soil/Sediment, 4 = Rinse, 5 = Oil
6 = Waste, 7 = Other (Specify)

FOR GAL USE ONLY

GAL JOB #

704-098

Sampler's Signature: [Signature]

Lab Name: Green Analytical Laboratories, Inc.

(970) 247-4220

FAX (970) 247-4227

Address: 75 Suttle Street, Durango, CO 81303

Sample ID	Date	Time	Collected by: (Init.)	Matrix Type From Table 1	No. of Containers	Sample Filtered ? Y/N	Unpreserved (Ice Only)	Preservative(s)					Analyses Required	Comments	
								HNO3	HCL	H2SO4	NAOH	Other (Specify)			
1. BLAST MEDIA	4-27-07	1358	TK	6	1	N									
2. BLAST MEDIA	4-27-07	1402	TK	6	1	N									
3.															
4.															
5.															
6.															
7.															
8.															
9.															
10.															
Relinquished by: <u>[Signature]</u>			Date: <u>4-27-07</u>		Time: <u>1643</u>		Received by: <u>[Signature]</u>		Date: <u>4/27/07</u>		Time: <u>1648</u>				
Relinquished by:			Date:		Time:		Received by:		Date:		Time:				

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

Conoco Phillips SJGP
PO Box 217
Durango, CO 87413
Attention: Todd Kinard

PROJECT NAME: TK-801
PROJECT NUMBER:
SAMPLE I.D.: Blast Media

GAL I.D.: 704-098-01

Date Received: 04/27/07

Date Reported: 06/05/07

QC Batches:

Sample Date: 04/27/07

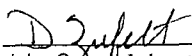
Sample Matrix: Soil

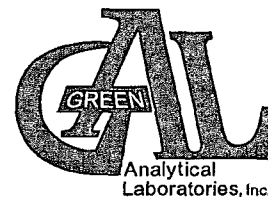
Units: mg/L

TCLP Metals

RESULTS

PARAMETER	METHOD	REPORT		DILUTION	DATE	
		LIMIT	RESULT		ANALYZED	ANALYST
Cadmium	6020B	0.01	<0.01	1		
Selenium	6020B	0.20	<0.20	1		


F-002: John Green, Laboratory Manager



GAL ID No.: 704-098-01

May 11, 2007

Conoco Phillips SJGP
PO Box 217
Durango, CO 87413
Attention: Todd Kinard

Project Name: TK-801
Project Number:
Date Received: 04/27/07

This is to transmit the attached analytical report. The analytical data and information contained therein was generated using specified or selected methods contained in references, such as Standard Methods for the Examination of Water and Wastewater, 18th & 19th editions, and Methods for Determination of Organic Compounds in Drinking Water, EPA-600/4-79-020.

Samples were received by Green Analytical Laboratories, Inc. in good condition on 04/27/07.

If you should have any questions or comments regarding this report, please do not hesitate to call.

Sincerely,

A handwritten signature in cursive script, appearing to read "Debbie Zupelt".

for: John Green
Laboratory Manager

Enclosure

Green Analytical Laboratories, Inc.
75 Suttle Street
Durango, CO 81303

Conoco Phillips SJGP
PO Box 217
Durango, CO 87413
Attention: Todd Kinard

PROJECT NAME: TK-801
PROJECT NUMBER:
SAMPLE I.D.: Blast Media

GAL I.D.: 704-098-01

Date Received: 04/27/07

Date Reported: 05/11/07

QC Batches:

Sample Date: 04/27/07

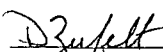
Sample Matrix: Soil

Units: mg/kg

RCRA Metals

RESULTS

PARAMETER	METHOD	REPORT		DILUTION	DATE ANALYZED	ANALYST
		LIMIT	RESULT			
Arsenic	6010B	20	<20	1		
Barium	6010B	1.0	27	1		
Cadmium	6010B	1.0	22	1		
Chromium	6010B	7.0	<7.0	1		
Lead	6010B	5.0	42	1		
Mercury	7470A	0.02	<0.02	1		
Selenium	6010B	400	<400	1		
Silver	6010B	20	<20	1		


for: John Green, Laboratory Manager

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: GREEN ANALYTICAL
Address: 75 SUTTLE STREET
DURANGO, CO 81303
Attn: JOHN GREEN

Batch #: 070502015
Project Name: SVL #128952

Analytical Results Report

Sample Number	070502015-001	Sampling Date	4/27/2007	Date/Time Received	5/2/2007 10:50 AM
Client Sample ID	BLAST MEDIA	Sampling Time	2:02 PM		
Matrix:	Solid				

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,1,1-Trichloroethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,1,2-Trichloroethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,1-Dichloroethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,1-Dichloroethene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,1-dichloropropene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,2,3-Trichlorobenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,2,3-Trichloropropane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,2,4-Trichlorobenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,2,4-Trimethylbenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,2-Dibromo-3-chloropropane(DBCP)	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,2-Dibromoethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,2-Dichlorobenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,2-Dichloroethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,2-Dichloropropane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,3,5-Trimethylbenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,3-Dichlorobenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,3-Dichloropropane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
1,4-Dichlorobenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
2,2-Dichloropropane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
2-Chlorotoluene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
2-hexanone	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
4-Chlorotoluene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Acetone	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Acrylonitrile	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Benzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	

Comments:

Tuesday, May 08, 2007

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: GREEN ANALYTICAL
Address: 75 SUTTLE STREET
DURANGO, CO 81303
Attn: JOHN GREEN

Batch #: 070502015
Project Name: SVL #128952

Analytical Results Report

Sample Number 070502015-001 **Sampling Date** 4/27/2007 **Date/Time Received** 5/2/2007 10:50 AM
Client Sample ID BLAST MEDIA **Sampling Time** 2:02 PM
Matrix: Solid

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Bromobenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Bromochloromethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Bromodichloromethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Bromoform	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Bromomethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Carbon disulfide	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Carbon Tetrachloride	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Chlorobenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Chloroethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Chloroform	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Chloromethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
cis-1,2-dichloroethene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
cis-1,3-Dichloropropene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Dibromochloromethane	ND	ug/L	0.05	5/4/2007	TGT	EPA 8260B	
Dibromomethane	ND	ug/L	0.05	5/4/2007	TGT	EPA 8260B	
Dichlorodifluoromethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Ethylbenzene	0.318	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Hexachlorobutadiene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Isopropylbenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
m+p-Xylene	0.745	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Methyl ethyl ketone (MEK)	5.59	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Methyl isobutyl ketone (MIBK)	16.2	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Methylene chloride	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
methyl-t-butyl ether (MTBE)	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Naphthalene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
n-Butylbenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
n-Propylbenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
o-Xylene	0.170	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
p-isopropyltoluene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	

Comments:

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Client: GREEN ANALYTICAL
Address: 75 SUTTLE STREET
DURANGO, CO 81303
Attn: JOHN GREEN

Batch #: 070502015
Project Name: SVL #128952

Analytical Results Report

Sample Number	070502015-001	Sampling Date	4/27/2007	Date/Time Received	5/2/2007 10:50 AM
Client Sample ID	BLAST MEDIA	Sampling Time	2:02 PM		
Matrix:	Solid				

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
sec-Butylbenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Styrene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
tert-Butylbenzene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Tetrachloroethene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Toluene	16.8	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
trans-1,2-Dichloroethene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
trans-1,3-Dichloropropene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Trichloroethene	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Trichlorofluoromethane	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
Vinyl Chloride	ND	mg/kg	0.05	5/4/2007	TGT	EPA 8260B	
%moisture	16.1	Percent				%moisture	

Surrogate Data

Sample Number	070502015-001		
Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260B	92.0	70-130
4-Bromofluorobenzene	EPA 8260B	99.6	70-130
Toluene-d8	EPA 8260B	100.0	70-130

Comments:

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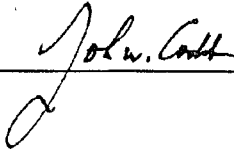
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Client: GREEN ANALYTICAL
Address: 75 SUTTLE STREET
DURANGO, CO 81303
Attn: JOHN GREEN

Batch #: 070502015
Project Name: SVL #128952

Analytical Results Report

Authorized Signature

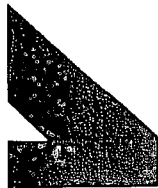


MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

Comments:

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Email: moscow@anateklabs.com - spokane@anateklabs.com

VOC in Soil MS/MSD/LCS Report

EPA 8260B/624

Lab Sample #: 070427037-004
Analysis Date: 05/04/07
Units: mg/Kg

Analyte	Sample	Spike	MS	%R	MSD	%R	RPD	%R AR	RPD AR	MS %R	MSD %R	RPD
1,1-Dichloroethene	0.000	0.640	0.849	133	0.871	136	2.6	60-140	25	Failure	Failure	Failure
Benzene	0.000	0.640	0.662	103	0.676	106	2.1	60-140	25			
Trichloroethene	0.000	0.640	0.637	100	0.653	102	2.5	60-140	25			
Toluene	0.000	0.640	0.645	101	0.657	103	1.8	60-140	25			
Chlorobenzene	0.000	0.640	0.610	95.3	0.622	97.2	1.9	60-140	25			

Lab Sample #: LCS
Analysis Date: 05/04/07
Units: ug/L

Analyte	Blank	Spike	LCS	%R	%R AR	Failure
1,1-Dichloroethene	0.000	10.0	10.8	108	80-120	
Benzene	0.000	10.0	9.93	99	80-120	
Trichloroethene	0.000	10.0	9.81	98	80-120	
Toluene	0.000	10.0	9.67	97	80-120	
Chlorobenzene	0.000	10.0	10.2	102	80-120	

GW-35 COP
San Juan Gas plant

VII. Source and Quantities of Effluent and Process Fluids

A. Below are the sources and types of major effluents, to include the estimated quantities and frequency generated.

SOURCE	QUANTITY PER MONTH	ADDITIVES
1. Separators, Scrubbers, and Slug Catchers	Separator water, storm water, and wash-water are drained to TK-1403. The estimated quantity per month is 240,950 gallons.	N/A
2. Boilers, Waste Heat Recovery Units, Cogeneration Facilities, & Cooling Towers/Fans	Continuous cooling water blow-down is discharged to two evaporation ponds at ~550,000 gallons per month.	-anti-scale phosphates -sulfuric acid -chlorine -biocide (non-phenol based) Used as needed
3. Wash-down/Steam-out	N/A	N/A
4. Solvent/Degreaser use	15 gallons degreaser	N/A
5. Spent acids of caustics	N/A	N/A
6. Used Engine Coolants	N/A	N/A
7. Used Lubrication and Motor Oil	250 gallons	N/A
8. Used Lube Oil and Process Filters	10 yd./month	N/A
9. Solids and Sludge from Tanks, ponds (sludge from the bottom of the evaporation ponds, cooling tower)	60 cu. yd. /yr.	N/A
10. Painting Wastes, sand/bead blasting	< 1yd./month sand/bead blast media	N/A
11. Sewage	N/A	N/A
12. Laboratory Wastes	5 lbs.	Methanol, amine, other
13. Other wastes liquids	Spent HSW700/710 and water mix estimated quantity per month is 3500 bbls mix	N/A
14. Other waste solids (molecular sieve, activated alumina)	120 yd./yr. molecular sieve 20 yd./yr. activated alumina	N/A

Solid Waste	Process Generating Waste	Number of Units	Quantity per unit	Totals	Frequency of change "Months"	Annualized Waste Generated	Disposal
Amine Sock Filters	Amine System	1	200	200	3	800	- Drain, dried, keep separate, & disposed at local landfill
Amine Charcoal Filters	Amine System	1	45	45	3	180	- Drain, dried, keep separate, & disposed at local landfill
D-R Lub Skid Filters	D-R Compressor Units	3	51	153	24	76.5	- Drain, dried, keep separate, & disposed at local landfill
Solar Lub Skid Filters	Solar Generator Units	4	5	20	12	20	- Drain, dried, keep separate, & disposed at local landfill
Refrigeration Compressor Lub Filters	Refrigerator Compressor Units	3	1	3	12	3	- Drain, dried, keep separate, & disposed at local landfill
EP Compressor Lub Filters	EP Compressor Units	2	1	2	12	2	- Drain, dried, keep separate, & disposed at local landfill
Instrument Air Compressor Filters	Instrument Air Units	3	9	27	12	27	- Disposed of at local landfill
Instrument Air Dely Filters	Instrument Air Dely System	1	10	10	6	20	- Disposed of at local landfill
Expander Lub Skid Filters	Expander Lub Skid	2	3	6	12	6	- Drain, dried, keep separate, & disposed at local landfill
Emergency Generator Filters	Emergency Generator	1	10	10	12	10	- Drain, dried, keep separate, & disposed at local landfill
Fire Water Pump Filters	Fire Water Pump	1	3	3	12	3	- Drain, dried, keep separate, & disposed at local landfill
Regen Compressor Lub Filters	Regen Compressors	2	1	2	24	1	- Drain, dried, keep separate, & disposed at local landfill
P-903 Pump Lub Filters	EPBC Pumps	4	1	4	6	8	- Drain, dried, keep separate, & disposed at local landfill
Inlet Gas Filters	Inlet Gas Dely Units	2	28	56	6	112	- Drain, dried, keep separate, & disposed at local landfill
Inlet Gas Coalescing Filters	Inlet Gas Dely Units	2	27	54	12	54	- Drain, dried, keep separate, & disposed at local landfill
Inlet Gas Dust Filters	Inlet Gas Dely Units	2	55	110	6	220	- Drain, dried, keep separate, & disposed at local landfill
EPBC Coalescing Filters	EPBC Dryer Unit	1	25	25	3	100	- Drain, dried, keep separate, & disposed at local landfill
Avon Inlet Air Filters	D-R Compressor Units	3	224	672	24	336	- Disposed of at local landfill
Solar Inlet Air Filters	Solar Generator Units	4	48	192	24	96	- Disposed of at local landfill
				Total Annual Filtrera Waste: 2,075			
Molecular Sieve Type 4A	Inlet Gas Dely Units	6	586	3516	36	1,172	- Disposed of at local landfill
Activated Alumina	EPBC Dryer Units	2	195	390	36	130	- Disposed of at local landfill
Activated Alumina	Instrument Air Dryer Unit	1	16	16	12	16	- Disposed of at local landfill
Oil Adsorbing Material	Clean-up around Plant	-	675	675	4	2,025	- Drain, dried, keep separate, & disposed at local landfill
Evaporation / Cooling Tower sediment	Cooling Tower	3	25 yd3	75 yd3	12	60 yd3	- Drain, dried, keep separate, & disposed at local landfill
Olly Rags	Plant maintenance activities	-	-	-	-	-	- Drain, dried, keep separate, & disposed at local landfill
Insulation Material	Plant maintenance activities	-	-	-	-	-	- Disposed of at local landfill
Aerosol Cans	Plant maintenance activities	-	-	-	-	-	- use up all paint & dispose of at local landfill
Paper Trash	Office Trash	-	-	-	-	-	- Disposed of at local landfill
				Total Annual Filtrera Waste: 2,075			
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				Total Annual Filtr			

Appendix F

Waste Management Practices Chart

APPENDIX E

SAN JUAN BASIN GAS PLANT
CHEMICAL STORED OR USED INVENTORY

Chemical	Mfr./MSDS by (other than Conoco)		Quantity (Lbs)		Quantity (Gal,Bbl,...)		Days on Site	Sigs. Code	Pres. Code	Temp. Code	*Container and Location
			Maximum	Average	Maximum	Average					
Activated Alumina	Alcoa	NH	Not Stored								Location
Angry/Orange Degreaser	American Sales	BT/A			110 gal	< 110 gal	365	D	1	4	B-107
Asto 500	Royal Lubricants Co.	NH			165 gal	55 gal	365	D	1	4	Oil Storage
A. T. Fluid Type F		NH	800	600			365	D,R	1	4	Oil Storage
B&B 3100	B&B Chemical Co.	BT	300	200			365	F	1	4	Shop
BFC (Halon 1211)	ICI U.S. Inc.		Not Stored								Gas Turbines & Generators
Benzene	DuPont		Not Stored (found in inlet gas only)								EPBC Driers
Betz Inhibitor 20K-41558	Betz		5,700	3,200	450 gal	250 gal	365	A	1	4	Cooling Towers
Betz Inhibitor 22K-41557	Betz	NH	4,400	2,400	450 gal	250 gal	365	A	1	4	Cooling Towers
Butane/Gasoline Mix											Process & Storage
Butane/Isobutane			1,500,000	900,000			365	A	2	4,5,6,7	Process & Storage
Capella Oil W/F68, 00562	Texaco	NH	2,700	2,000			365	A,N	1,2	4,5	Oil Storage
Carbon Dioxide	General Electric		800,000	460,000			365	A	2	5,6,7	Process & Amine/TOS
Cecarbon Activated Carbon	Atchem	NH	2,000	1,100			365	A,I,K	1,2	4,5	Oil Storage
Cer-wool Blanket HT, HP, etc.	C-E Refractories		Not Stored				365	K	1	4	Dehy Heaters

Chemical	Mfr./MSDS by (other than Conoco)	Quantity (Lbs)		Quantity (Gal,Bbl,...)		Days on Site	Sig. Code	Pres. Code	Temp. Code	*Container and Location
Cer-wool Moldable F	C-E Refractories	Maximum	Average	Maximum	Average	365	F	1	4	Drier Heater
Cerablanket (Alumino silicate)		Not Stored								Dehy Heaters
Chlorine	Chlorine Institute	1,500	900			365	L	2	4	Cooling Tower
Coil Clean	Landa Inc.			1 gal	<1	365	N	1	4	I & E Shop
Condensate (Natural Gasoline)		1,000,000	750,000			365	A	2	4,5,6,7	Process & Storage Area
Dectol R. O. Oils		3,600	2,300			365	A,D	1	4,5	Oil Storage
Densstone® 57 (D-57) Balls, Pellets, Tower Packing	Norton Co.	Not stored								
Dexron III and Mercon		800	500			365	A,D	1,2	4	Oil Storage
Diesel, No. 2		33,900	18,300			365	A,B, C	1	4	Solar Turbine Area
Diehanolamine 85%	Coastal	200,000	100,000			365	A	1	4	TK-801
Ethane		3,000,000	2,000,000			365	A	2	4,5,6,7	Process & Storage Area
F-10 Biodegradable Soap	American Sales			75 gal	< 55 gal	365	A,D	1	4	B-107
Fleet HD Motor Oil		1,600	800			365	D	1	4,5	Oil Storage
Foam-trol CT	Betz	1,179	884	4 bbl	3 bbl	365	A	1	4	Cooling Tower
Foamglass Insulation	Pittsburgh Corning	Not Stored								Process Area & Analyzer Bldg
Gear Oils 68, 100, 150,		NH	2,500	2,000		365	D	1,2	4	Oil Storage
Heat Transfer Oil		NH	180,000	175,000		365	A	2	5	V-1101
Hydrogen Sulfide		*EH	2,000	1,500		365	R	1,2	4,5,6,7	TOS

Chemical	Mfr./MSDS by (other than Conoco)	Quantity (Lbs)		Quantity (Gal,Bbl,...)		Days on Site	Sig. Code	Pres. Code	Temp. Code	* Container and Location
		Maximum	Average	Maximum	Average					
Manville Fiber Glass Insulation	Manville	Not Stored								Process Area
Methane (Sweet Natural Gas)		2,100,000	1,900,000			365	A	2	4,5,6,7	Proc/Compr.
Methanol	DuPont	70,000	23,000			365	A	1,2	4	TK-1401
Mineral Wool Fiber	Rockwool Mfg.	Not Stored								Process Area
Molecular Sieve Type 4A	UOP	Not Stored								Dehydration
Molecular Sieve Type 4ADG	UOP	Not Stored								Dehydration
Molecular Sieve Type UI-94	UOP	Not Stored								Dehydration
Osmonics Detergent NP-03	Osmonics, Inc.	10	5			365	J	1	4	Cooling Tower
PBC Mix/EPBC Mix		367,220	137,708	80M gal	30M gal	365	A	2	4,5,6,7	Oil Storage
Propane		2,300,000	1,800,000			365	A	2	4,5,6,7	Process & Surge Area
Rarus SHC 924	Mobil	2,000	1,500			365	C,D	1,2	4,5	Oil Storage
Round-Up L&G Herbicide	Monsanto Co.	49	10	1 gal	1 qt	365	F	1	4	Warehouse
Slop Oil		125,000	62,500			365	A	1	4	TK-1402
Soda Ash		2,5000	1,250			365	J	1	4	Cooling Tower
Safety-Kleen Solvent	Safety-Kleen Corp.	250	0	30 gal	0 gal	365	D	1	4	Warehouse
Sulfuric Acid, 77-100%	DuPont	22,000	10,000			365	A,M	1	4	V-1201 Cooling Twr
Super All-Season Motor Oil				55 gal	25 gal	365	M			Oil Stg Bldg
Super Hydraulic Oil 22, 32,...						365	A,D	1,2	4,5	Oil Stg Bldg
Syncon 32						365	A	1	4	Solars
Thermo-12	Manville Corp.	Not Stored								Process Area

Chemical	Mfr./MSDS by (other than Conoco)		Quantity (lbs)		Quantity (Gal,Bbl,...)		Days on Site	Seg. Code	Pres. Code	Temp. Code	*Container and Location
			Maximum	Average	Maximum	Average					
Trymer 190-2 Rigid Insulation			Not Stored								Process Area
Turbine Oils		NH	100,900	57,000			365	A	1	4,5	Oil Storage
UGL 80W-90		NH	50	25			365	F	1	4	Oil Storage
Unleaded Gasoline			650	300			365	R	1	4	Plant Trucks

EH = extremely hazardous

BT = below threshold for SARA III

NH = Not hazardous for SARA III

Chlorine (100 = Threshold Quantity)

Sulfuric Acid (500 = Threshold Quantity)

Hydrogen Sulfide (500 = Threshold Quantity)