WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468144
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Osburn Industries		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CYB	40	CY	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Rita Horizon	Reclamation Oil	7	13	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		8	18	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
		Number	Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468145
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	8	Cyan	Total Qty	Wt./Vol.	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Hudson	[signature] Reclamation oil	4	18	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	18	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468146
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Osburn Industries		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184	10. US EPA ID Number	G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CY	4.0	CY	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell / Level Grid

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Hurizon	Reclamation Oil	4	18	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	18	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468147
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 715		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	8	drm	40	CY	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Hudson	Reclamation Oil	4	18	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	18	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468148
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	[illegible]	[illegible]	Total Qty	[illegible]	[illegible]
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	[illegible]
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	[illegible]
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
[illegible]	[illegible]	[illegible]		

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468149
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	[illegible]	[illegible]	Total Qty	[illegible]	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potts Horizon	[illegible] Reclamation oil	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
		Number	Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468150
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	[illegible]	[illegible]	Total Qty	[illegible]	[illegible]
b. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty	[illegible]	[illegible]
c. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty	[illegible]	
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
[illegible]	[illegible] Reclamation Oil	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]		

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468151
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	8	[illegible]	[illegible]	[illegible]	[illegible]
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	[illegible]	[illegible]
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	[illegible]	[illegible]
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Harrison	[illegible] Reclamation Oil	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468152
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	[illegible]	[illegible]	Total Qty	[illegible]	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	[illegible]	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	[illegible]	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Herman	[illegible] Reclamation Oil	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]		[illegible]	[illegible]	[illegible]

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468153
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil	2	Open	Total Qty	[illegible]	
WM Profile # 107499MI					
b. Waste Name	No.	Type	Total Qty	Wt./Vol.	
WM Profile # WM Profile Number					
c. Waste Name	No.	Type	Total Qty	Wt./Vol.	
WM Profile # WM Profile Number					
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[signature] Reclamation oil	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

555594

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		[illegible]	[illegible]	[illegible]

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468154
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	DM	Total Qty	LT	
b. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty	Unit Wt./Vol.	Misc. Comments
c. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty	Unit Wt./Vol.	Misc. Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Rutz Hearst	MRR Reclamation Oil			

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Osburn	Mike Rutz			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468155
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	Type	Total Qty	Wt./Vol.	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[illegible] Reclamation Oil	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468156
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil					
WM Profile # 107499MI					
b.					
WM Profile #					
c.					
WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Manager	Reclamation Oil			

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468157
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 725		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI					
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
		9	11	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Osburn		9	11	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468158
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI					
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468159
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI					
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468160
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	40	CY	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Unit Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Unit Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potts Horizon	M Potts Reclamation oil			

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Osburn				

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468161
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	DM	40	CY	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	Mike Potter Reclamation Oil	4	19	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	19	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468162
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Osburn Industries		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184	10. US EPA ID Number	G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	002	DM	4P	CY	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Pitts Horizon	Reclamation Oil	4	11	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	11	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468163
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 6165	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	8	[illegible]	[illegible]	[illegible]	[illegible]
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	[illegible]	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	[illegible]	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[illegible] Reclamation Oil	4	19	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]		[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	4/19/11		

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468164
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 645	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	Dm	Total Qty	Wt./Vol	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[signature] Reclamation Oil	4	17	17

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	4	17	17

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	4	19	17

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468165
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 925	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	[illegible]	[illegible]	[illegible]	[illegible]	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Unit Wt.	
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Unit Wt.	
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Ritter Hueisen	[illegible]	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Osburn	[illegible]	[illegible]	[illegible]	

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
	[illegible]			

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]		[illegible]	[illegible]	[illegible]

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468166
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 705	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	Drum	Total Qty	Wt./Vol	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Hanson	[signature] Reclamation Oil	4	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Chris Powell	[signature]	4	11	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	4	11	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468167
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 6708	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	Cyan	40 Qty.	6 yrs	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[signature] Reclamation oil	4	19	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
John Cluent	[signature]	4	19	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	4	19	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468168
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 695	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	20	3 mm	Total Qty	Wt./Vol	Comments
b. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty	Wt./Vol	Comments
c. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty	Wt./Vol	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Hudson	Mike Potter Reclamation Oil	4	1	7

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468169
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI					
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	Reclamation oil			

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
RECLAMATION OIL PRP GROUP
6272 SELKIRK STREET
DETROIT, MI 48211

4. Generator's Phone 616-554-3210

Generator's Site Address (If different than mailing):
RECLAMATION OIL PRP GROUP
6272 SELKIRK STREET
DETROIT, MI 48211
WAYNE COUNTY

A. Manifest Number: WMNA 00468170

B. State Generator's ID

5. Transporter 1 Company Name Osburn Industries 115	**6. US EPA ID Number**	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	**8. US EPA ID Number**	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184	**10. US EPA ID Number**	G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil **WM Profile #** 107499MI	8	CYM	40	CY	
b. **WM Profile #**					
c. **WM Profile #**					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	Mike Potter Reclamation Oil	4		

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468171
4. Generator's Phone 616-554-3210		B. State Generator's ID State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 705	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	Cyn	Total Qty.	Wt./Vol.	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	M Potter Reclamation Oil	7	22	17

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

599143

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
	5310			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
		Number	Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468172
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 700	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CYA	Total 80	CY	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	Mike Potter Reclamation oil	4	20	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	4	20	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	559168	4	20	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

45.91

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
RECLAMATION OIL PRP GROUP
6272 SELKIRK STREET
DETROIT, MI 48211

4. Generator's Phone 616-554-3210

Generator's Site Address (If different than mailing):
RECLAMATION OIL PRP GROUP
6272 SELKIRK STREET
DETROIT, MI 48211
WAYNE COUNTY

A. Manifest Number **WMNA** 00468173

B. State Generator's ID

5. Transporter 1 Company Name
Osburn Industries

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Woodland Meadows RDF
5900 Hannan Rd
Wayne, MI 48184

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI					
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Blue- GENERATOR #2 COPY
Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY
Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468174
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 725	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	Box	50	Cy	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Ritts Honeywell	Reclamation Oil	4	20	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Mike Osburn		4	20	11

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468175
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 665	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	8	Type	Total Qty	[illegible]	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
[illegible]	[illegible] Reclamation Oil	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]		[illegible]	[illegible]	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
		Number	Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468176
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 205	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	No. 2	Type CM	Total Qty. 440	Wt./Vol. 04	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter [illegible]	[illegible] Reclamation Oil	4	20	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
RECLAMATION OIL PRP GROUP
6272 SELKIRK STREET
DETROIT, MI 48211

4. Generator's Phone 616-554-3210

Generator's Site Address (If different than mailing):
RECLAMATION OIL PRP GROUP
6272 SELKIRK STREET
DETROIT, MI 48211
WAYNE COUNTY

A. Manifest Number **WMNA** 00468177

B. State Generator's ID

5. Transporter 1 Company Name
Osburn Industries

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Woodland Meadows RDF
5900 Hannan Rd
Wayne, MI 48184

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	DM	40	CY	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	Reclamation oil	7	20	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468178
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 760	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil	8	CM	Total 40	CY	Comments
WM Profile # 107499MI					
b. Waste Name	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					
c. Waste Name	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[signature] Reclamation oil	9	20	9

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
	599765			

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		9	20	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468179
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 725		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	8	cyc	40	CY	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Miller Heaven	Reclamation Oil	4	22	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Mike Osborne		11	22	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
		Number	Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468180
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 630	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	Cyl	Total Qty	Wt./Vol	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	My Pete Reclamation oil	4	20	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Gerric Hiscock	[illegible]	4	20	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
		Number	Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468181
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 665	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil	2	CM	40	CY	Comments
WM Profile # 107499MI					
b. Waste Name	No.	Type	Total Qty	Wt./Vol.	Comments
WM Profile # WM Profile Number					
c. Waste Name	No.	Type	Total Qty	Wt./Vol.	Comments
WM Profile # WM Profile Number					
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potts Horizon	MJ Potts Reclamation Oil	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468182
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 705	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil	8	drm	40	CY	
WM Profile # 107499MI					
b. Waste Name	No.	Type	Total Qty	Unit Wt./Vol.	Comments
WM Profile # WM Profile Number					
c. Waste Name	No.	Type	Total Qty	Unit Wt./Vol.	Comments
WM Profile # WM Profile Number					
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Butler Hudson	Reclamation Oil	11	20	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468183
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 700	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	Total Qty. 940	Wt./Vol. 7	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[signature] Reclamation oil	9	20	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	9	20	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]		9	20	11

500369 496

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468184
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name Osburn Industries	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184	10. US EPA ID Number	G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	DM	440	CY	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Hudson	Mike Potter Reclamation Oil	7	20	17

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Jimmy Cummings		7	20	17

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		10		

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page	

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468185
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 725	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	No. 2	Type Cyl	Total Qty 600	Wt./Vol. 24	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[illegible] Reclamation oil	4	10	17

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		5		

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468186
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 630	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	40	CY	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Unit Wt.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Unit Wt.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	MyPath Reclamation oil	4	20	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
George Wiecek	[illegible]	4	20	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	5995	4	20	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page	

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468187
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 705	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	Cm	440	CY	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Unit Wt.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Unit Wt.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Pott Horizon	My Pott Reclamation oil	4	20	17

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Chet Pinza	Chet Pinza	4	20	17

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal.

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
		Number	Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468188
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 660	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	Total Qty. 40	CY	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Unit Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Unit Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[signature] Reclamation Oil	4	20	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	04	20	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468189
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	cm	40	Wt/Vol	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[signature] Reclamation oil	[illegible]	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468190
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 760	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	Total Qty. 40	CY	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	MJ Potter Reclamation Oil	4	21	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468191
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 725		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	40	CY	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	Reclamation Oil	4	16	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	16	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468192
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 705		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	40	CY	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Pelt Hudson	Reclamation Oil	9	23	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
59548 98.38		9	21	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468193
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 700	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil	2	[illegible]	Total [illegible]	[illegible]	Comments
WM Profile # 107499MI					
b. Waste Name	No	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					
c. Waste Name	No	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Clearcoa	[illegible] Reclamation Oil	9	21	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
599551 40.81	[illegible]	9	21	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468194
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 725	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	2	Total 40	Wt/Vol	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	MJ Potter Reclamation Oil	9	21	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Mike Osburn	[illegible]	9	21	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
5 1552 4531	[illegible]	9	21	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of
		Number	Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468195
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	Bm	Total Qty	Wt./Vol.	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[signature] Reclamation oil	4	11	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	4	11	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[signature]	4	11	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468196
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Osburn Industries		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CYB	40	CY	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Patter Hudson	Mike Patter Reclamation Oil	4	21	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	21	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
299639 4554		4	21	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468197
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 725		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI					
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
		4	21	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	21	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
		4	21	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (if different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468198
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 700	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	Total Qty. 40	CY	Comments
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	M Potter Reclamation oil	4	21	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	21	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
5996554978		4	21	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 4. Generator's Phone 616-554-3210	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468199 B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 670	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	cm	40	[illegible]	Comments
b. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty.	Wt./Vol.	Comments
c. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty.	Wt./Vol.	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Peter Horizon	[signature] Reclamation Oil	4	21	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
SUANCHEVET	[signature]	4	21	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
SH 611 5617	[signature]	4	21	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468200
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 105		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	40	CY	
b. WM Profile #	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
c. WM Profile #	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter	Reclamation Oil	4	21	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	21	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
Jimmy 47.38		4	21	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No. Number	2. Page 1 of Page

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468201
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	[illegible]	[illegible]	Total Qty	Wt/Vol	
b. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol	Comments
c. Waste Name WM Profile # WM Profile Number	No.	Type	Total Qty	Wt./Vol	Comments
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[illegible] Reclamation Oil	4	27	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	27	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]			

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468202
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	C. State Transporter's ID
Osburn Industries 705		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	G. State Facility ID
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CW	40	CY	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	Reclamation Oil	4	29	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	29	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468203
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 700	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil	2	[illegible]	[illegible]	[illegible]	[illegible]
WM Profile # 107499MI					
b. Waste Name	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
WM Profile # WM Profile Number					
c. Waste Name	No.	Type	Total Qty.	Unit Wt./Vol.	Comments
WM Profile # WM Profile Number					
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Hudson	[illegible] Reclamation Oil	4	29	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[illegible]		4	29	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible]	[illegible]	[illegible]	[illegible]	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number	
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA	00468204
4. Generator's Phone 616-554-3210		B. State Generator's ID	

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 705	US EPA ID Number	C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
Transporter 2 Company Name	US EPA ID Number	E. State Transporter's ID State Transporter ID
		F. Transporter's Phone Transporter 2 Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	cm	Total Qty 40	CY	Containers
b. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty	Wt./Vol.	Containers
c. Waste Name WM Profile # WM Profile Number	No	Type	Total Qty	Wt./Vol.	Containers
WM Profile # WM Profile Number					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	[signature] Reclamation oil	4	29	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
[signature]	[signature]	4	29	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[illegible] 53.63	[signature]	4	29	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468205
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries 700		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	2	CM	9.0	CY	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	Reclamation Oil	4	29	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	29	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
RECLAMATION OIL PRP GROUP
6272 SELKIRK STREET
DETROIT, MI 48211

4. Generator's Phone 616-554-3210

Generator's Site Address (If different than mailing):
RECLAMATION OIL PRP GROUP
6272 SELKIRK STREET
DETROIT, MI 48211
WAYNE COUNTY

A. Manifest Number
WMNA 00468206

B. State Generator's ID

5. Transporter 1 Company Name
Osburn Industries 705

6. US EPA ID Number

C. State Transporter's ID
D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
Woodland Meadows RDF
5900 Hannan Rd
Wayne, MI 48184

10. US EPA ID Number

G. State Facility ID
H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI	8	DM	40	07	
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: Tan/Brown
Odor: Yes - Fuel odor
Physical State: Solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
Mike Potter Horizon	Reclamation Oil	4	29	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
		4	29	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:	Generator's Site Address (If different than mailing):	A. Manifest Number
RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211	RECLAMATION OIL PRP GROUP 6272 SELKIRK STREET DETROIT, MI 48211 WAYNE COUNTY	WMNA 00468207
4. Generator's Phone 616-554-3210		B. State Generator's ID

5. Transporter 1 Company Name	6. US EPA ID Number	
Osburn Industries		C. State Transporter's ID
		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	
		E. State Transporter's ID
		F. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	
Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184		G. State Facility ID
		H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Impacted soil WM Profile # 107499MI					
b. WM Profile #					
c. WM Profile #					
WM Profile #					

J. Additional Descriptions for Materials Listed Above	K. Disposal Location			
Color: Tan/Brown Odor: Yes - Fuel odor Physical State: Solid	Cell		Level	
	Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Forrest Paul/616-682-5498

16. GENERATOR'S CERTIFICATE:

I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal

I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address: Reclamation Oil 6472 Selkirk St. Detroit, MI. 48211 4. Generator's Phone ~~616-544-3210~~ 616-554-3210	Generator's Site Address (if different than mailing):	A. Manifest Number WMNA B. State Generator's ID
5. Transporter 1 Company Name Job Site Services	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184	10. US EPA ID Number	G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Non-hazardous contaminated soils WM Profile # 107481MI Exp Date: 03/01/2012			20 CY		
b. WM Profile #					
c. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: brown, grey
Odor: no
Physical State: solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Thomas Miller/313-892-7330

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
David Bandlow	[signature] "Reclamation Oil PRP Group"	10	10	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
Michael Spaulding	[signature]	10	10	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year
[signature]	6 Jan 04 1759	10	10	11

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY

WASTE MANAGEMENT

1304657

Woodland Meadows LF
Ticket# 656074

5900 Hannan Rd
Wayne, MI, 48184
Ph: (734) 326-0993

Customer Name JOBSITESER JOB SITE SERVICES
Ticket Date 10/10/2011
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest no#
Destination
PO
Profile 107481MI (CONCERTE DEBRIS)
Generator 129-RECLAMATIONOIL RECLAMATION OIL PRP GROUP

Carrier JOB JOB SITE SERVICES
Vehicle# 1320 Volume 20.0
Container
Driver
Check#
Billing # 0003542
Gen EPA ID

	Time	Scale	Operator		
In	10/10/2011 11:34:00	Right Side 2	TOM	Gross	69940 lb
Out	10/10/2011 11:34:00		TOM	Tare	34760 lb
				Net	35180 lb
				Tons	17.59

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Spwaste Solid Oth-	100	17.59	Tons				MI-WAYNE

403WM

Total Fees
Total Ticket

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
Reclamation Oil
6472 Selkirk St.
Detroit, MI. 48211

4. Generator's Phone
~~616-544-9210~~ 554-3210

Generator's Site Address (if different than mailing):

A. Manifest Number
WMNA

B. State Generator's ID

5. Transporter 1 Company Name
Job Site Services

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
Woodland Meadows RDF
5900 Hannan Rd
Wayne, MI 48184

10. US EPA ID Number

G. State Facility ID

H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Non-hazardous contaminated soils WM Profile # 107481MI Exp Date: 03/01/2012			20 CY		
b. WM Profile #					
c. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: brown, grey
Odor: no
Physical State: solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order #

EMERGENCY CONTACT / PHONE NO.: Thomas Miller/313-892-7330

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
DAVID BANDLOW	"Reclamation Oil PRI Group"	10	10	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
MICHAEL SAUNDERS		10	10	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY

WASTE MANAGEMENT

1304731

Woodland Meadows LF
Ticket# 656198

5900 Hannan Rd
Wayne, MI, 48184
Ph: (734) 326-0993

Customer Name JOBSITESER JOB SITE SERVICES
Ticket Date 10/10/2011
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest NO#
Destination
PO
Profile 107481MI (CONCERTE DEBRIS)
Generator 129-RECLAMATIONOIL RECLAMATION OIL PRP GROUP

Carrier JOB JOB SITE SERVICES
Vehicle# 1320 Volume 20.0
Container
Driver
Check#
Billing # 0003542
Gen EPA ID

	Time	Scale	Operator		
In	10/10/2011 13:47:40	Right Side 2	TOM	Gross	72660 lb
Out	10/10/2011 13:47:40		TOM	Tare	34760 lb
				Net	37900 lb
				Tons	18.95

Comments

	Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1	Spwaste Solid Oth-	100	18.95	Tons				MI-WAYNE

403WM

Total Fees
Total Ticket

NON-HAZARDOUS MANIFEST

WASTE MANAGEMENT

NON-HAZARDOUS MANIFEST	1. Generator's US EPA ID No. Manifest Doc No.	2. Page 1 of

3. Generator's Mailing Address:
Reclamation Oil
6472 Selkirk St.
Detroit, MI. 48211

4. Generator's Phone
~~616-544-3240~~ 554-3210

Generator's Site Address (If different than mailing):

A. Manifest Number WMNA

B. State Generator's ID

5. Transporter 1 Company Name: Job Site Services	6. US EPA ID Number	C. State Transporter's ID D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address Woodland Meadows RDF 5900 Hannan Rd Wayne, MI 48184	10. US EPA ID Number	G. State Facility ID H. State Facility Phone 734-326-0993

GENERATOR

11. Description of Waste Materials	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
a. Non-hazardous contaminated soils WM Profile # 107481MI Exp Date: 03/01/2012			30 CY		
b. WM Profile #					
c. WM Profile #					

J. Additional Descriptions for Materials Listed Above
Color: brown, grey
Odor: no
Physical State: solid

K. Disposal Location

Cell		Level	
Grid			

15. Special Handling Instructions and Additional Information

Purchase Order # EMERGENCY CONTACT / PHONE NO.: Thomas Miller/313-892-7330

16. GENERATOR'S CERTIFICATE:
I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.

Printed Name	Signature "On behalf of"	Month	Day	Year
DAVID BANDLOW	"Reclamation Oil IRI Group"	10	10	11

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year
MICHAEL SALVINO		10	10	11

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed Name	Signature	Month	Day	Year

FACILITY

19. Certificate of Final Treatment/Disposal
I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.

20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.

Printed Name	Signature	Month	Day	Year

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY

WASTE MANAGEMENT

1304776

Woodland Meadows LF
Ticket# 656291

5900 Hannan Rd
Wayne, MI, 48184
Ph: (734) 326-0993

Customer Name JOBSITESER JOB SITE SERVICES
Ticket Date 10/10/2011
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest no#
Destination
PO
Profile 107481MI (CONCERTE DEBRIS)
Generator 129-RECLAMATIONOIL RECLAMATION OIL PRP GROUP

Carrier JOB JOB SITE SERVICES
Vehicle# 1320 Volume 20.0
Container
Driver
Check#
Billing # 0003542
Gen EPA ID

	Time	Scale	Operator
In	10/10/2011 15:34:23	Right Side 1	TOM
Out	10/10/2011 15:34:23		TOM

Gross	77920 lb
Tare	34760 lb
Net	43160 lb
Tons	21.58

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 Spwaste Solid Oth-	100	21.58	Tons				MI-WAYNE

403WM

Total Fees
Total Ticket

APPENDIX D

Laboratory and Data Validation Reports

DATA VALIDATION REPORT

RECLAMATION OIL SITE
6472 SELKIRK STREET
DETROIT, MICHIGAN

Date: February 16, 2011
Laboratory: ALS Laboratory Group (ALS), Holland, Michigan
Laboratory Work Order #: 1101524
Data Validation Performed By: Karen Hathaway, Horizon Environmental

This data validation report has been prepared by Horizon Environmental Corporation on behalf of the Respondents to the Administrative Settlement Agreement and Order on Consent for Removal Action Docket No. V-W-10-C-955 (Settlement Agreement) entered into by the U.S. Environmental Protection Agency (U.S. EPA) and Respondents[1] with an effective date of September 30, 2010.

This report documents the data validation for 11 groundwater samples (plus one duplicate sample, one field blank, and three trip blanks) collected from the Reclamation Oil Site that were analyzed for the following parameters by U.S. Environmental Protection Agency (U.S. EPA) methods:

- Target Compound List (TCL) Volatile Organic Compounds (VOC) by SW-846 Method 8260B; and,
- Polychlorinated Biphenyls (PCB) by SW-846 Method 8082.

All of the collected samples were analyzed by the laboratory (100% completeness). A Level IV data package was requested from ALS. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY SW-846 METHOD 8260B

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

[1] The Respondents consist of Univar USA Inc., SPX Corporation, BorgWarner Inc., and Ford Motor Company.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
RO-GW-TMW-02	1101524-01	Water	1/20/2011	1/30/2011
RO-FD-TMW-02	1101524-02	Water	1/20/2011	1/30/2011
RO-GW-TMW-04	1101524-03	Water	1/20/2011	1/29/2011 – 1/31/2011
RO-GW-TMW-05 (Unfiltered)	1101524-04	Water	1/20/2011	2/1/2011
RO-GW-TMW-06	1101524-06	Water	1/20/2011	1/29/2011 – 1/31/2011
RO-GW-TMW-09	1101524-08	Water	1/20/2011	1/29/2011 – 1/31/2011
RO-GW-TMW-10	1101524-09	Water	1/20/2011	1/29/2011 – 2/1/2011
RO-GW-TMW-11	1101524-10	Water	1/20/2011	1/29/2011 – 2/1/2011
RO-GW-TMW-13 (Unfiltered)	1101524-11	Water	1/20/2011	1/31/2011 – 2/1/2011
RO-FB-01	1101524-13	Water	1/20/2011	1/29/2011
RO-TB-01	1101524-14	Water	1/20/2011	1/29/2011
RO-TB-02	1101524-15	Water	1/20/2011	1/29/2011
RO-TB-03	1101524-16	Water	1/20/2011	1/29/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

Method blanks were analyzed with the samples for VOC analyses. The method blanks were free of target compound contamination above the reporting limit. Some compounds were detected below the practical quantitation limit (PQL) including acetone [1.13 micrograms per liter (µg/L)], and naphthalene (0.64 µg/L). Most results were non-detect.

Field and trip blanks were collected at the frequency specified in the Quality Assurance Project Plan (QAPP). The field blank (RO-FB-01) and trip blanks (RO-TB-01, RO-TB-02, and RO-TB-03) were free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory-established QC limits except as follows. For the LCS associated with analysis date January 31, 2011, isopropylbenzene [126 percent recovery (%R)] was outside the QC limits (75-125%R). For analysis date January 31, 2011, the quantitation limits for detected results for isopropylbenzene were flagged "J" as estimated for this discrepancy.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

An MS/MSD sample was identified in the field (RO-GW-TMW-11) at the frequency specified in the QAPP (one per 20 or fewer samples per matrix) so that a sufficient sample volume would be collected for the MS/MSD analysis. The MS/MSD recoveries for the following chemicals were outside laboratory-established QC limits in this sample:

1,1,1,2-tetrachloroethane	acetone	n-butylbenzene
1,1-dichloroethane	benzene	o-xylene
1,1-dichloroethene	carbon disulfide	p-isopropyltoluene
1,2,4-trimethylbenzene	chloroethane	styrene
1,2-dichloroethane	chloromethane	tert-butylbenzene
1,2-dichloropropane	cis-1,2-dichloroethene	toluene
1,3,5-trimethylbenzene	ethylbenzene	trans-1,2-dichloroethene
2-butanone	iodomethane	trans-1,4-dichloro-2-butene
2-chlorotoluene	m,p-xylene	vinyl chloride
4-chlorotoluene	naphthalene	xylenes
4-methyl-2-pentanone		

The recoveries for all other MS/MSD samples included in the laboratory report were within laboratory-established QC limits. Based on all of the MS/MSD results for the various analysis dates, the results for the January 29, 2011 MS/MSD sample affect only the sample spiked (RO-GW-TMW-11) and are not a systematic laboratory problem. As a result, for sample RO-GW-TMW-11, detected results for the substances listed above were flagged "J" and the quantitation limits for non-detected results for the substances listed above were flagged "UJ" as estimated due to matrix interference.

7. Field Duplicate Results

Field duplicate samples for VOC analysis were collected at the frequency specified in the QAPP. Sample RO-FD-TMW-02 is a duplicate of sample RO-GW-TMW-02. Field duplicate sample RO-FD-TMW-02 had good correlation with the investigative sample (duplicate recoveries within 15%).

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

PCBS BY SW-846 METHOD 8082

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-GW-TMW-02	1101524-01	Water	1/20/2011	1/24/2011	1/25/2011
RO-FD-TMW-02	1101524-02	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-04	1101524-03	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-05 (Unfiltered)	1101524-04	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-05 (Filtered)	1101524-05	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-06	1101524-06	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-08	1101524-07	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-09	1101524-08	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-10	1101524-09	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-11	1101524-10	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-13 (Unfiltered)	1101524-11	Water	1/20/2011	1/24/2011	1/25/2011
RO-GW-TMW-13 (Filtered)	1101524-12	Water	1/20/2011	1/24/2011	1/25/2011
RO-FB-01	1101524-13	Water	1/20/2011	1/24/2011	1/25/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 7 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the samples for PCB analyses. The method blanks were free of target compound contamination above the reporting limit.

A field blank was collected at the frequency specified in the QAPP. The field blank (RO-FB-01) was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

Percent recoveries and RPDs for the MS/MSD samples were within laboratory QC limits.

7. Field Duplicate Results

According to the QAPP, field duplicate samples were to be collected at the frequency of one duplicate per 10 samples. However, one field duplicate for PCB analysis was collected for 11 investigative samples. The Horizon Environmental Project Manager has been informed of this discrepancy with the QAPP so that corrective measures can be taken for future sampling events.

One field duplicate was associated with this work order. Sample RO-FD-TMW-02 is a duplicate of sample RO-GW-TMW-02. Field duplicate sample RO-FD-TMW-02 had good correlation with the investigative sample.

8. Overall Assessment

The data are acceptable for use based on the information received.

DISCREPANCY FROM QAPP

As indicated in the laboratory Sample Receipt Checklist, custody seals were not used on the shipping coolers as specified in the QAPP. However, because the sample coolers were under the direct custody and control of Horizon Environmental until they were relinquished to the ALS Laboratory Group, no qualification of the data is needed. The Horizon Environmental Project Manager has been informed of this discrepancy with the QAPP so that corrective measures can be taken for future sampling events.

ATTACHMENT

ALS LABORATORY GROUP
RESULTS SUMMARY WITH QUALIFIERS

ALS Environmental

03-Feb-2011

Bill Davidson
Horizon Environmental
4771 50th Street
Grand Rapids, MI 49512

Re: **Reclamation Oil (GSB-0102)** Work Order: **1101524**

Dear Bill,

ALS Environmental received 16 samples on 21-Jan-2011 11:45 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 90.

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

Sincerely,

Joseph Ribar

Electronically approved by: Joseph Ribar

Joseph Ribar
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac

Certificate No: IL100452

ADDRESS 3352 128th Avenue Holland, Michigan 49424-9263 | PHONE (616) 399-6070 | FAX (616) 399-6185
ALS GROUP USA, CORP Part of the ALS Laboratory Group A Campbell Brothers Limited Company

ALS Group USA, Corp

Date: 03-Feb-11

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Work Order: 1101524

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1101524-01	RO-GW-TMW-02	Water		1/20/2011 10:45	1/21/2011 11:45	☐
1101524-02	RO-FD-TMW-02	Water		1/20/2011 10:45	1/21/2011 11:45	☐
1101524-03	RO-GW-TMW-04	Water		1/20/2011 12:15	1/21/2011 11:45	☐
1101524-04	RO-GW-TMW-05 (Unfiltered)	Water		1/20/2011 14:20	1/21/2011 11:45	☐
1101524-05	RO-GW-TMW-05 (Filtered)	Water		1/20/2011 14:20	1/21/2011 11:45	☐
1101524-06	RO-GW-TMW-06	Water		1/20/2011 11:55	1/21/2011 11:45	☐
1101524-07	RO-GW-TMW-08	Water		1/20/2011 12:40	1/21/2011 11:45	☐
1101524-08	RO-GW-TMW-09	Water		1/20/2011 14:25	1/21/2011 11:45	☐
1101524-09	RO-GW-TMW-10	Water		1/20/2011 15:00	1/21/2011 11:45	☐
1101524-10	RO-GW-TMW-11	Water		1/20/2011 13:10	1/21/2011 11:45	☐
1101524-11	RO-GW-TMW-13 (Unfiltered)	Water		1/20/2011 13:30	1/21/2011 11:45	☐
1101524-12	RO-GW-TMW-13 (Filtered)	Water		1/20/2011 13:30	1/21/2011 11:45	☐
1101524-13	RO-FB-01	Water		1/20/2011 13:35	1/21/2011 11:45	☐
1101524-14	RO-TB-01	Water		1/20/2011	1/21/2011 11:45	☐
1101524-15	RO-TB-02	Water		1/20/2011	1/21/2011 11:45	☐
1101524-16	RO-TB-03	Water		1/20/2011	1/21/2011 11:45	☐

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Work Order: 1101524

Case Narrative

All samples met QAPP target detection limits with the exception of Sample 1101524-04A which could not be run at a lower dilution due to the elevated levels of cis-1,2-Dichloroethene.

QC Summary

Volatile Organic Compounds

Batch R86488A, Method 8260, Sample 1101524-10A MS/MSD: Recoveries for compounds were outside control limits due to sample matrix interference.

Batch R86510, Method 8260, Sample VLCSW1-110131: Recovery for Isopropylbenzene exceeded the upper control limit due to a sporadic marginal exceedance.

ALS Group USA, Corp

Date: 03-Feb-11

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
WorkOrder: 1101524

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
µg/L	Micrograms per Liter

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-02
Collection Date: 1/20/2011 10:45 AM

Work Order: 1101524
Lab ID: 1101524-01
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*69.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **MK**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,2,4-Trimethylbenzene	**1.5**		**1.0**	**µg/L**	1	1/30/2011 06:13 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,2-Dichlorobenzene	**2.8**		**1.0**	**µg/L**	1	1/30/2011 06:13 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,3,5-Trimethylbenzene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
2-Butanone	ND		5.0	µg/L	1	1/30/2011 06:13 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/30/2011 06:13 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
2-Hexanone	ND		5.0	µg/L	1	1/30/2011 06:13 PM
2-Methylnaphthalene	**54**		**5.0**	**µg/L**	1	1/30/2011 06:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-02
Collection Date: 1/20/2011 10:45 AM

Work Order: 1101524
Lab ID: 1101524-01
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/30/2011 06:13 PM
Acetone	**11**		**10**	**µg/L**	1	1/30/2011 06:13 PM
Acrolein	ND		5.0	µg/L	1	1/30/2011 06:13 PM
Acrylonitrile	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Benzene	**1.5**		**1.0**	**µg/L**	1	1/30/2011 06:13 PM
Bromobenzene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Bromochloromethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Bromoform	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Bromomethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Carbon disulfide	ND		2.5	µg/L	1	1/30/2011 06:13 PM
Carbon tetrachloride	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Chlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Chloroethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Chloroform	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Chloromethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Dibromomethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Diethyl ether	ND		10	µg/L	1	1/30/2011 06:13 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/30/2011 06:13 PM
Ethylbenzene	**1.1**		**1.0**	**µg/L**	1	1/30/2011 06:13 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Hexachloroethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Hexane	ND		5.0	µg/L	1	1/30/2011 06:13 PM
Iodomethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Isopropylbenzene	**51**		**1.0**	**µg/L**	1	1/30/2011 06:13 PM
m,p-Xylene	**2.4**		**2.0**	**µg/L**	1	1/30/2011 06:13 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/30/2011 06:13 PM
Methylene chloride	ND		5.0	µg/L	1	1/30/2011 06:13 PM
n-Butylbenzene	**26**		**5.0**	**µg/L**	5	1/30/2011 04:51 PM
n-Heptane	ND		5.0	µg/L	1	1/30/2011 06:13 PM
n-Propylbenzene	**99**		**5.0**	**µg/L**	5	1/30/2011 04:51 PM
Naphthalene	ND		5.0	µg/L	1	1/30/2011 06:13 PM
o-Xylene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
p-Isopropyltoluene	**1.7**		**1.0**	**µg/L**	1	1/30/2011 06:13 PM
sec-Butylbenzene	**21**		**1.0**	**µg/L**	1	1/30/2011 06:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-02
Collection Date: 1/20/2011 10:45 AM

Work Order: 1101524
Lab ID: 1101524-01
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/30/2011 06:13 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/30/2011 06:13 PM
tert-Butylbenzene	**3.8**		**1.0**	**µg/L**	1	1/30/2011 06:13 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Tetrachloroethene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Tetrahydrofuran	ND		20	µg/L	1	1/30/2011 06:13 PM
Toluene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Trichloroethene	**5.5**		**1.0**	**µg/L**	1	1/30/2011 06:13 PM
Trichlorofluoromethane	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Vinyl acetate	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Vinyl chloride	ND		1.0	µg/L	1	1/30/2011 06:13 PM
1,2-Dichloroethene, Total	ND		2.0	µg/L	1	1/30/2011 06:13 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/30/2011 06:13 PM
Xylenes, Total	**3.1**		**3.0**	**µg/L**	1	1/30/2011 06:13 PM
Surr: 1,2-Dichloroethane-d4	*96.0*		*70-120*	*%REC*	1	1/30/2011 06:13 PM
Surr: 1,2-Dichloroethane-d4	*97.4*		*70-120*	*%REC*	5	1/30/2011 04:51 PM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	1	1/30/2011 06:13 PM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	5	1/30/2011 04:51 PM
Surr: Dibromofluoromethane	*96.4*		*85-115*	*%REC*	1	1/30/2011 06:13 PM
Surr: Dibromofluoromethane	*97.3*		*85-115*	*%REC*	5	1/30/2011 04:51 PM
Surr: Toluene-d8	*105*		*85-120*	*%REC*	5	1/30/2011 04:51 PM
Surr: Toluene-d8	*99.7*		*85-120*	*%REC*	1	1/30/2011 06:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-FD-TMW-02
Collection Date: 1/20/2011 10:45 AM

Work Order: 1101524
Lab ID: 1101524-02
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*66.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **MK**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,2,4-Trimethylbenzene	**1.5**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,2-Dichlorobenzene	**2.8**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,3,5-Trimethylbenzene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
2-Butanone	ND		5.0	µg/L	1	1/30/2011 06:39 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/30/2011 06:39 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
2-Hexanone	ND		5.0	µg/L	1	1/30/2011 06:39 PM
2-Methylnaphthalene	**62**		**5.0**	**µg/L**	1	1/30/2011 06:39 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-FD-TMW-02
Collection Date: 1/20/2011 10:45 AM

Work Order: 1101524
Lab ID: 1101524-02
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/30/2011 06:39 PM
Acetone	**12**		**10**	**µg/L**	1	1/30/2011 06:39 PM
Acrolein	ND		5.0	µg/L	1	1/30/2011 06:39 PM
Acrylonitrile	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Benzene	**1.5**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
Bromobenzene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Bromochloromethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Bromoform	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Bromomethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Carbon disulfide	ND		2.5	µg/L	1	1/30/2011 06:39 PM
Carbon tetrachloride	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Chlorobenzene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Chloroethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Chloroform	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Chloromethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Dibromomethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Diethyl ether	ND		10	µg/L	1	1/30/2011 06:39 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/30/2011 06:39 PM
Ethylbenzene	**1.1**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Hexachloroethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Hexane	ND		5.0	µg/L	1	1/30/2011 06:39 PM
Iodomethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Isopropylbenzene	**50**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
m,p-Xylene	**2.5**		**2.0**	**µg/L**	1	1/30/2011 06:39 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/30/2011 06:39 PM
Methylene chloride	ND		5.0	µg/L	1	1/30/2011 06:39 PM
n-Butylbenzene	**27**		**5.0**	**µg/L**	5	1/30/2011 05:18 PM
n-Heptane	ND		5.0	µg/L	1	1/30/2011 06:39 PM
n-Propylbenzene	**100**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
Naphthalene	ND		5.0	µg/L	1	1/30/2011 06:39 PM
o-Xylene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
p-Isopropyltoluene	**1.7**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
sec-Butylbenzene	**20**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-FD-TMW-02
Collection Date: 1/20/2011 10:45 AM

Work Order: 1101524
Lab ID: 1101524-02
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/30/2011 06:39 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/30/2011 06:39 PM
tert-Butylbenzene	**3.7**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Tetrachloroethene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Tetrahydrofuran	ND		20	µg/L	1	1/30/2011 06:39 PM
Toluene	**1.0**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Trichloroethene	**5.9**		**1.0**	**µg/L**	1	1/30/2011 06:39 PM
Trichlorofluoromethane	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Vinyl acetate	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Vinyl chloride	ND		1.0	µg/L	1	1/30/2011 06:39 PM
1,2-Dichloroethene, Total	ND		2.0	µg/L	1	1/30/2011 06:39 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/30/2011 06:39 PM
Xylenes, Total	**3.3**		**3.0**	**µg/L**	1	1/30/2011 06:39 PM
Surr: 1,2-Dichloroethane-d4	*93.7*		*70-120*	*%REC*	1	1/30/2011 06:39 PM
Surr: 1,2-Dichloroethane-d4	*95.9*		*70-120*	*%REC*	5	1/30/2011 05:18 PM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	1	1/30/2011 06:39 PM
Surr: 4-Bromofluorobenzene	*100*		*75-120*	*%REC*	5	1/30/2011 05:18 PM
Surr: Dibromofluoromethane	*96.3*		*85-115*	*%REC*	1	1/30/2011 06:39 PM
Surr: Dibromofluoromethane	*97.0*		*85-115*	*%REC*	5	1/30/2011 05:18 PM
Surr: Toluene-d8	*106*		*85-120*	*%REC*	5	1/30/2011 05:18 PM
Surr: Toluene-d8	*100*		*85-120*	*%REC*	1	1/30/2011 06:39 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-04
Collection Date: 1/20/2011 12:15 PM

Work Order: 1101524
Lab ID: 1101524-03
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*57.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,1-Dichloroethane	**4.7**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,2,4-Trimethylbenzene	**270**		**20**	**µg/L**	20	1/31/2011 05:58 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,2-Dichlorobenzene	**10**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,3,5-Trimethylbenzene	**3.9**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
1,4-Dichlorobenzene	**1.2**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
2-Butanone	ND		5.0	µg/L	1	1/29/2011 08:24 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/29/2011 08:24 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
2-Hexanone	ND		5.0	µg/L	1	1/29/2011 08:24 PM
2-Methylnaphthalene	**89**		**80**	**µg/L**	20	1/31/2011 05:58 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-04
Collection Date: 1/20/2011 12:15 PM

Work Order: 1101524
Lab ID: 1101524-03
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/29/2011 08:24 PM
Acetone	**18**		**10**	**µg/L**	1	1/29/2011 08:24 PM
Acrolein	ND		5.0	µg/L	1	1/29/2011 08:24 PM
Acrylonitrile	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Benzene	**94**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
Bromobenzene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Bromochloromethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Bromoform	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Bromomethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Carbon disulfide	ND		2.5	µg/L	1	1/29/2011 08:24 PM
Carbon tetrachloride	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Chlorobenzene	**3.1**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
Chloroethane	**88**		**20**	**µg/L**	20	1/31/2011 05:58 PM
Chloroform	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Chloromethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
cis-1,2-Dichloroethene	**9.7**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Dibromomethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Diethyl ether	ND		10	µg/L	1	1/29/2011 08:24 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/29/2011 08:24 PM
Ethylbenzene	**87**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Hexachloroethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Hexane	**28**		**5.0**	**µg/L**	1	1/29/2011 08:24 PM
Iodomethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Isopropylbenzene	**84**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
m,p-Xylene	**110**		**2.0**	**µg/L**	1	1/29/2011 08:24 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/29/2011 08:24 PM
Methylene chloride	ND		5.0	µg/L	1	1/29/2011 08:24 PM
n-Butylbenzene	**23**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
n-Heptane	ND		5.0	µg/L	1	1/29/2011 08:24 PM
n-Propylbenzene	**96**		**20**	**µg/L**	20	1/31/2011 05:58 PM
Naphthalene	**800**		**100**	**µg/L**	20	1/31/2011 05:58 PM
o-Xylene	**13**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
p-Isopropyltoluene	**97**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
sec-Butylbenzene	**10**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-04
Collection Date: 1/20/2011 12:15 PM

Work Order: 1101524
Lab ID: 1101524-03
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/29/2011 08:24 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/29/2011 08:24 PM
tert-Butylbenzene	**1.9**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Tetrachloroethene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Tetrahydrofuran	ND		20	µg/L	1	1/29/2011 08:24 PM
Toluene	**34**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
trans-1,2-Dichloroethene	**2.4**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Trichloroethene	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Trichlorofluoromethane	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Vinyl acetate	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Vinyl chloride	**4.2**		**1.0**	**µg/L**	1	1/29/2011 08:24 PM
1,2-Dichloroethene, Total	**12**		**2.0**	**µg/L**	1	1/29/2011 08:24 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/29/2011 08:24 PM
Xylenes, Total	**120**		**3.0**	**µg/L**	1	1/29/2011 08:24 PM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	20	1/31/2011 05:58 PM
Surr: 1,2-Dichloroethane-d4	*95.0*		*70-120*	*%REC*	1	1/29/2011 08:24 PM
Surr: 4-Bromofluorobenzene	*99.6*		*75-120*	*%REC*	20	1/31/2011 05:58 PM
Surr: 4-Bromofluorobenzene	*104*		*75-120*	*%REC*	1	1/29/2011 08:24 PM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	20	1/31/2011 05:58 PM
Surr: Dibromofluoromethane	*93.9*		*85-115*	*%REC*	1	1/29/2011 08:24 PM
Surr: Toluene-d8	*98.4*		*85-120*	*%REC*	1	1/29/2011 08:24 PM
Surr: Toluene-d8	*101*		*85-120*	*%REC*	20	1/31/2011 05:58 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-05 (Unfiltered)
Collection Date: 1/20/2011 02:20 PM

Work Order: 1101524
Lab ID: 1101524-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*59.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1,2-Tetrachloroethane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,1,1-Trichloroethane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,1,2,2-Tetrachloroethane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,1,2-Trichloroethane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,1,2-Trichlorotrifluoroethane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,1-Dichloroethane	**230**		**20**	**µg/L**	20	2/1/2011 02:30 PM
1,1-Dichloroethene	**55**		**20**	**µg/L**	20	2/1/2011 02:30 PM
1,1-Dichloropropene	ND		20	µg/L	20	2/1/2011 02:30 PM
1,2,3-Trichlorobenzene	ND		20	µg/L	20	2/1/2011 02:30 PM
1,2,3-Trichloropropane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,2,4-Trichlorobenzene	ND		20	µg/L	20	2/1/2011 02:30 PM
1,2,4-Trimethylbenzene	**990**		**20**	**µg/L**	20	2/1/2011 02:30 PM
1,2-Dibromo-3-chloropropane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,2-Dibromoethane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,2-Dichlorobenzene	ND		20	µg/L	20	2/1/2011 02:30 PM
1,2-Dichloroethane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,2-Dichloropropane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,3,5-Trimethylbenzene	**320**		**20**	**µg/L**	20	2/1/2011 02:30 PM
1,3-Dichlorobenzene	ND		20	µg/L	20	2/1/2011 02:30 PM
1,3-Dichloropropane	ND		20	µg/L	20	2/1/2011 02:30 PM
1,4-Dichlorobenzene	ND		20	µg/L	20	2/1/2011 02:30 PM
2,2-Dichloropropane	ND		20	µg/L	20	2/1/2011 02:30 PM
2-Butanone	ND		100	µg/L	20	2/1/2011 02:30 PM
2-Chloroethyl vinyl ether	ND		20	µg/L	20	2/1/2011 02:30 PM
2-Chlorotoluene	ND		20	µg/L	20	2/1/2011 02:30 PM
2-Hexanone	ND		100	µg/L	20	2/1/2011 02:30 PM
2-Methylnaphthalene	**190**		**100**	**µg/L**	20	2/1/2011 02:30 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-05 (Unfiltered)
Collection Date: 1/20/2011 02:20 PM

Work Order: 1101524
Lab ID: 1101524-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND		20	µg/L	20	2/1/2011 02:30 PM
4-Methyl-2-pentanone	ND		100	µg/L	20	2/1/2011 02:30 PM
Acetone	**250**		**200**	**µg/L**	20	2/1/2011 02:30 PM
Acrolein	ND		100	µg/L	20	2/1/2011 02:30 PM
Acrylonitrile	ND		20	µg/L	20	2/1/2011 02:30 PM
Benzene	**110**		**20**	**µg/L**	20	2/1/2011 02:30 PM
Bromobenzene	ND		20	µg/L	20	2/1/2011 02:30 PM
Bromochloromethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Bromodichloromethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Bromoform	ND		20	µg/L	20	2/1/2011 02:30 PM
Bromomethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Carbon disulfide	ND		50	µg/L	20	2/1/2011 02:30 PM
Carbon tetrachloride	ND		20	µg/L	20	2/1/2011 02:30 PM
Chlorobenzene	ND		20	µg/L	20	2/1/2011 02:30 PM
Chloroethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Chloroform	ND		20	µg/L	20	2/1/2011 02:30 PM
Chloromethane	ND		20	µg/L	20	2/1/2011 02:30 PM
cis-1,2-Dichloroethene	**30,000**		**500**	**µg/L**	500	2/1/2011 01:38 PM
cis-1,3-Dichloropropene	ND		20	µg/L	20	2/1/2011 02:30 PM
Dibromochloromethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Dibromomethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Dichlorodifluoromethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Diethyl ether	ND		200	µg/L	20	2/1/2011 02:30 PM
Diisopropyl ether	ND		100	µg/L	20	2/1/2011 02:30 PM
Ethylbenzene	**1,000**		**20**	**µg/L**	20	2/1/2011 02:30 PM
Hexachlorobutadiene	ND		20	µg/L	20	2/1/2011 02:30 PM
Hexachloroethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Hexane	ND		100	µg/L	20	2/1/2011 02:30 PM
Iodomethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Isopropylbenzene	**140**		**20**	**µg/L**	20	2/1/2011 02:30 PM
m,p-Xylene	**3,600**		**40**	**µg/L**	20	2/1/2011 02:30 PM
Methyl tert-butyl ether	ND		100	µg/L	20	2/1/2011 02:30 PM
Methylene chloride	ND		100	µg/L	20	2/1/2011 02:30 PM
n-Butylbenzene	**22**		**20**	**µg/L**	20	2/1/2011 02:30 PM
n-Heptane	ND		100	µg/L	20	2/1/2011 02:30 PM
n-Propylbenzene	**160**		**20**	**µg/L**	20	2/1/2011 02:30 PM
Naphthalene	**410**		**100**	**µg/L**	20	2/1/2011 02:30 PM
o-Xylene	**1,900**		**20**	**µg/L**	20	2/1/2011 02:30 PM
p-Isopropyltoluene	**290**		**20**	**µg/L**	20	2/1/2011 02:30 PM
sec-Butylbenzene	ND		20	µg/L	20	2/1/2011 02:30 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-05 (Unfiltered)
Collection Date: 1/20/2011 02:20 PM

Work Order: 1101524
Lab ID: 1101524-04
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		20	µg/L	20	2/1/2011 02:30 PM
t-Butyl ethyl ether	ND		20	µg/L	20	2/1/2011 02:30 PM
tert-Butyl alcohol	ND		1,000	µg/L	20	2/1/2011 02:30 PM
tert-Butylbenzene	ND		20	µg/L	20	2/1/2011 02:30 PM
Tertiaryamylmethylether	ND		20	µg/L	20	2/1/2011 02:30 PM
Tetrachloroethene	ND		20	µg/L	20	2/1/2011 02:30 PM
Tetrahydrofuran	ND		400	µg/L	20	2/1/2011 02:30 PM
Toluene	**1,600**		**20**	**µg/L**	20	2/1/2011 02:30 PM
trans-1,2-Dichloroethene	**300**		**20**	**µg/L**	20	2/1/2011 02:30 PM
trans-1,3-Dichloropropene	ND		20	µg/L	20	2/1/2011 02:30 PM
trans-1,4-Dichloro-2-butene	ND		20	µg/L	20	2/1/2011 02:30 PM
Trichloroethene	**170**		**20**	**µg/L**	20	2/1/2011 02:30 PM
Trichlorofluoromethane	ND		20	µg/L	20	2/1/2011 02:30 PM
Vinyl acetate	ND		20	µg/L	20	2/1/2011 02:30 PM
Vinyl chloride	**3,600**		**500**	**µg/L**	500	2/1/2011 01:38 PM
1,2-Dichloroethene, Total	**30,000**		**1,000**	**µg/L**	500	2/1/2011 01:38 PM
1,3-Dichloropropene, Total	ND		20	µg/L	20	2/1/2011 02:30 PM
Xylenes, Total	**5,400**		**60**	**µg/L**	20	2/1/2011 02:30 PM
Surr: 1,2-Dichloroethane-d4	*102*		*70-120*	*%REC*	500	2/1/2011 01:38 PM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	20	2/1/2011 02:30 PM
Surr: 4-Bromofluorobenzene	*99.4*		*75-120*	*%REC*	500	2/1/2011 01:38 PM
Surr: 4-Bromofluorobenzene	*102*		*75-120*	*%REC*	20	2/1/2011 02:30 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	500	2/1/2011 01:38 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	20	2/1/2011 02:30 PM
Surr: Toluene-d8	*100*		*85-120*	*%REC*	20	2/1/2011 02:30 PM
Surr: Toluene-d8	*100*		*85-120*	*%REC*	500	2/1/2011 01:38 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client:	Horizon Environmental		
Project:	Reclamation Oil (GSB-0102)	**Work Order:**	1101524
Sample ID:	RO-GW-TMW-05 (Filtered)	**Lab ID:**	1101524-05
Collection Date:	1/20/2011 02:20 PM	**Matrix:**	WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*56.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-06
Collection Date: 1/20/2011 11:55 AM

Work Order: 1101524
Lab ID: 1101524-06
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*59.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,1-Dichloroethane	**610**		**10**	**µg/L**	10	1/31/2011 06:25 PM
1,1-Dichloroethene	**6.0**		**1.0**	**µg/L**	1	1/29/2011 08:50 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,2,4-Trimethylbenzene	**1,600**		**50**	**µg/L**	50	1/31/2011 01:09 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,2-Dichlorobenzene	**2.1**		**1.0**	**µg/L**	1	1/29/2011 08:50 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,3,5-Trimethylbenzene	**500**		**10**	**µg/L**	10	1/31/2011 06:25 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
2-Butanone	ND		5.0	µg/L	1	1/29/2011 08:50 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/29/2011 08:50 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
2-Hexanone	ND		5.0	µg/L	1	1/29/2011 08:50 PM
2-Methylnaphthalene	**110**		**50**	**µg/L**	10	1/31/2011 06:25 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-06
Collection Date: 1/20/2011 11:55 AM

Work Order: 1101524
Lab ID: 1101524-06
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/29/2011 08:50 PM
Acetone	**110**		**100**	**µg/L**	10	1/31/2011 06:25 PM
Acrolein	ND		5.0	µg/L	1	1/29/2011 08:50 PM
Acrylonitrile	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Benzene	**200**		**10**	**µg/L**	10	1/31/2011 06:25 PM
Bromobenzene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Bromochloromethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Bromoform	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Bromomethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Carbon disulfide	ND		2.5	µg/L	1	1/29/2011 08:50 PM
Carbon tetrachloride	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Chlorobenzene	**13**		**1.0**	**µg/L**	1	1/29/2011 08:50 PM
Chloroethane	**66**		**1.0**	**µg/L**	1	1/29/2011 08:50 PM
Chloroform	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Chloromethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
cis-1,2-Dichloroethene	**640**		**10**	**µg/L**	10	1/31/2011 06:25 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Dibromomethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Diethyl ether	ND		10	µg/L	1	1/29/2011 08:50 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/29/2011 08:50 PM
Ethylbenzene	**860**		**10**	**µg/L**	10	1/31/2011 06:25 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Hexachloroethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Hexane	**55**		**5.0**	**µg/L**	1	1/29/2011 08:50 PM
Iodomethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Isopropylbenzene	**120**	J	**10**	**µg/L**	10	1/31/2011 06:25 PM
m,p-Xylene	**3,900**		**100**	**µg/L**	50	1/31/2011 01:09 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/29/2011 08:50 PM
Methylene chloride	**84**		**5.0**	**µg/L**	1	1/29/2011 08:50 PM
n-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
n-Heptane	**88**		**5.0**	**µg/L**	1	1/29/2011 08:50 PM
n-Propylbenzene	**150**		**10**	**µg/L**	10	1/31/2011 06:25 PM
Naphthalene	**350**		**50**	**µg/L**	10	1/31/2011 06:25 PM
o-Xylene	**1,600**		**50**	**µg/L**	50	1/31/2011 01:09 PM
p-Isopropyltoluene	**880**		**10**	**µg/L**	10	1/31/2011 06:25 PM
sec-Butylbenzene	**23**		**1.0**	**µg/L**	1	1/29/2011 08:50 PM

KH 2/14/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-06
Collection Date: 1/20/2011 11:55 AM

Work Order: 1101524
Lab ID: 1101524-06
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/29/2011 08:50 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/29/2011 08:50 PM
tert-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Tetrachloroethene	**2.2**		**1.0**	**µg/L**	1	1/29/2011 08:50 PM
Tetrahydrofuran	ND		20	µg/L	1	1/29/2011 08:50 PM
Toluene	**1,800**		**50**	**µg/L**	50	1/31/2011 01:09 PM
trans-1,2-Dichloroethene	**18**		**1.0**	**µg/L**	1	1/29/2011 08:50 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Trichloroethene	**12**		**1.0**	**µg/L**	1	1/29/2011 08:50 PM
Trichlorofluoromethane	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Vinyl acetate	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Vinyl chloride	**200**		**10**	**µg/L**	10	1/31/2011 06:25 PM
1,2-Dichloroethene, Total	**650**		**20**	**µg/L**	10	1/31/2011 06:25 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/29/2011 08:50 PM
Xylenes, Total	**5,600**		**150**	**µg/L**	50	1/31/2011 01:09 PM
Surr: 1,2-Dichloroethane-d4	*102*		*70-120*	*%REC*	50	1/31/2011 01:09 PM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	10	1/31/2011 06:25 PM
Surr: 1,2-Dichloroethane-d4	*96.4*		*70-120*	*%REC*	1	1/29/2011 08:50 PM
Surr: 4-Bromofluorobenzene	*102*		*75-120*	*%REC*	50	1/31/2011 01:09 PM
Surr: 4-Bromofluorobenzene	*99.8*		*75-120*	*%REC*	10	1/31/2011 06:25 PM
Surr: 4-Bromofluorobenzene	*108*		*75-120*	*%REC*	1	1/29/2011 08:50 PM
Surr: Dibromofluoromethane	*99.9*		*85-115*	*%REC*	50	1/31/2011 01:09 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	10	1/31/2011 06:25 PM
Surr: Dibromofluoromethane	*98.1*		*85-115*	*%REC*	1	1/29/2011 08:50 PM
Surr: Toluene-d8	*98.6*		*85-120*	*%REC*	1	1/29/2011 08:50 PM
Surr: Toluene-d8	*99.5*		*85-120*	*%REC*	50	1/31/2011 01:09 PM
Surr: Toluene-d8	*101*		*85-120*	*%REC*	10	1/31/2011 06:25 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-08
Collection Date: 1/20/2011 12:40 PM

Work Order: 1101524
Lab ID: 1101524-07
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*45.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-09
Collection Date: 1/20/2011 02:25 PM

Work Order: 1101524
Lab ID: 1101524-08
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*52.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,1-Dichloroethane	**180**		**10**	**µg/L**	10	1/31/2011 06:52 PM
1,1-Dichloroethene	**2.0**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,2,4-Trimethylbenzene	**640**		**10**	**µg/L**	10	1/31/2011 06:52 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,2-Dichlorobenzene	**15**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,2-Dichloropropane	**2.2**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
1,3,5-Trimethylbenzene	**200**		**10**	**µg/L**	10	1/31/2011 06:52 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
2-Butanone	**130**		**50**	**µg/L**	10	1/31/2011 06:52 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/29/2011 09:16 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
2-Hexanone	ND		5.0	µg/L	1	1/29/2011 09:16 PM
2-Methylnaphthalene	**130**		**50**	**µg/L**	10	1/31/2011 06:52 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-09
Collection Date: 1/20/2011 02:25 PM

Work Order: 1101524
Lab ID: 1101524-08
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/29/2011 09:16 PM
Acetone	**450**		**100**	**µg/L**	10	1/31/2011 06:52 PM
Acrolein	ND		5.0	µg/L	1	1/29/2011 09:16 PM
Acrylonitrile	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Benzene	**120**		**10**	**µg/L**	10	1/31/2011 06:52 PM
Bromobenzene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Bromochloromethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Bromoform	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Bromomethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Carbon disulfide	ND		2.5	µg/L	1	1/29/2011 09:16 PM
Carbon tetrachloride	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Chlorobenzene	**7.1**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
Chloroethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Chloroform	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Chloromethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
cis-1,2-Dichloroethene	**410**		**10**	**µg/L**	10	1/31/2011 06:52 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Dibromomethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Diethyl ether	ND		10	µg/L	1	1/29/2011 09:16 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/29/2011 09:16 PM
Ethylbenzene	**1,300**		**50**	**µg/L**	50	1/31/2011 01:34 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Hexachloroethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Hexane	**6.0**		**5.0**	**µg/L**	1	1/29/2011 09:16 PM
Iodomethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Isopropylbenzene	**51**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
m,p-Xylene	**4,700**		**100**	**µg/L**	50	1/31/2011 01:34 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/29/2011 09:16 PM
Methylene chloride	**850**		**50**	**µg/L**	10	1/31/2011 06:52 PM
n-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
n-Heptane	ND		5.0	µg/L	1	1/29/2011 09:16 PM
n-Propylbenzene	**47**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
Naphthalene	**510**		**50**	**µg/L**	10	1/31/2011 06:52 PM
o-Xylene	**2,100**		**50**	**µg/L**	50	1/31/2011 01:34 PM
p-Isopropyltoluene	**57**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
sec-Butylbenzene	**7.0**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-09
Collection Date: 1/20/2011 02:25 PM

Work Order: 1101524
Lab ID: 1101524-08
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/29/2011 09:16 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/29/2011 09:16 PM
tert-Butylbenzene	**3.0**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Tetrachloroethene	**52**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
Tetrahydrofuran	ND		20	µg/L	1	1/29/2011 09:16 PM
Toluene	**4,300**		**50**	**µg/L**	50	1/31/2011 01:34 PM
trans-1,2-Dichloroethene	**4.4**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Trichloroethene	**100**		**10**	**µg/L**	10	1/31/2011 06:52 PM
Trichlorofluoromethane	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Vinyl acetate	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Vinyl chloride	**24**		**1.0**	**µg/L**	1	1/29/2011 09:16 PM
1,2-Dichloroethene, Total	**410**		**20**	**µg/L**	10	1/31/2011 06:52 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/29/2011 09:16 PM
Xylenes, Total	**6,900**		**150**	**µg/L**	50	1/31/2011 01:34 PM
Surr: 1,2-Dichloroethane-d4	*100*		*70-120*	*%REC*	50	1/31/2011 01:34 PM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	10	1/31/2011 06:52 PM
Surr: 1,2-Dichloroethane-d4	*94.0*		*70-120*	*%REC*	1	1/29/2011 09:16 PM
Surr: 4-Bromofluorobenzene	*100*		*75-120*	*%REC*	50	1/31/2011 01:34 PM
Surr: 4-Bromofluorobenzene	*99.9*		*75-120*	*%REC*	10	1/31/2011 06:52 PM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	1	1/29/2011 09:16 PM
Surr: Dibromofluoromethane	*99.1*		*85-115*	*%REC*	50	1/31/2011 01:34 PM
Surr: Dibromofluoromethane	*98.4*		*85-115*	*%REC*	10	1/31/2011 06:52 PM
Surr: Dibromofluoromethane	*96.7*		*85-115*	*%REC*	1	1/29/2011 09:16 PM
Surr: Toluene-d8	*97.2*		*85-120*	*%REC*	1	1/29/2011 09:16 PM
Surr: Toluene-d8	*101*		*85-120*	*%REC*	50	1/31/2011 01:34 PM
Surr: Toluene-d8	*99.4*		*85-120*	*%REC*	10	1/31/2011 06:52 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-10
Collection Date: 1/20/2011 03:00 PM

Work Order: 1101524
Lab ID: 1101524-09
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*65.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,1-Dichloroethane	**400**		**50**	**µg/L**	50	1/31/2011 04:09 PM
1,1-Dichloroethene	**4.7**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,2,4-Trimethylbenzene	**1,100**		**50**	**µg/L**	50	1/31/2011 04:09 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,2-Dichlorobenzene	**6.7**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
1,2-Dichloroethane	**13**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
1,2-Dichloropropane	**27**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
1,3,5-Trimethylbenzene	**390**		**50**	**µg/L**	50	1/31/2011 04:09 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
2-Butanone	ND		5.0	µg/L	1	1/29/2011 09:43 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/29/2011 09:43 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
2-Hexanone	ND		5.0	µg/L	1	1/29/2011 09:43 PM
2-Methylnaphthalene	**100**		**100**	**µg/L**	50	1/31/2011 04:09 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-10
Collection Date: 1/20/2011 03:00 PM

Work Order: 1101524
Lab ID: 1101524-09
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/29/2011 09:43 PM
Acetone	**340**		**100**	**µg/L**	50	1/31/2011 04:09 PM
Acrolein	ND		5.0	µg/L	1	1/29/2011 09:43 PM
Acrylonitrile	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Benzene	**740**		**50**	**µg/L**	50	1/31/2011 04:09 PM
Bromobenzene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Bromochloromethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Bromoform	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Bromomethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Carbon disulfide	ND		2.5	µg/L	1	1/29/2011 09:43 PM
Carbon tetrachloride	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Chlorobenzene	**5.4**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
Chloroethane	**17**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
Chloroform	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Chloromethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
cis-1,2-Dichloroethene	**1,700**		**50**	**µg/L**	50	1/31/2011 04:09 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Dibromomethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Diethyl ether	ND		10	µg/L	1	1/29/2011 09:43 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/29/2011 09:43 PM
Ethylbenzene	**1,200**		**50**	**µg/L**	50	1/31/2011 04:09 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Hexachloroethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Hexane	**10**		**5.0**	**µg/L**	1	1/29/2011 09:43 PM
Iodomethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Isopropylbenzene	**110**	J	**50**	**µg/L**	50	1/31/2011 04:09 PM
m,p-Xylene	**6,200**		**100**	**µg/L**	50	1/31/2011 04:09 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/29/2011 09:43 PM
Methylene chloride	**18**		**5.0**	**µg/L**	1	1/29/2011 09:43 PM
n-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
n-Heptane	**9.1**		**5.0**	**µg/L**	1	1/29/2011 09:43 PM
n-Propylbenzene	**110**		**50**	**µg/L**	50	1/31/2011 04:09 PM
Naphthalene	**920**		**250**	**µg/L**	50	1/31/2011 04:09 PM
o-Xylene	**2,700**		**50**	**µg/L**	50	1/31/2011 04:09 PM
p-Isopropyltoluene	**400**		**50**	**µg/L**	50	1/31/2011 04:09 PM
sec-Butylbenzene	**17**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM

KH 2/14/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-10
Collection Date: 1/20/2011 03:00 PM

Work Order: 1101524
Lab ID: 1101524-09
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/29/2011 09:43 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/29/2011 09:43 PM
tert-Butylbenzene	**7.3**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Tetrachloroethene	**13**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
Tetrahydrofuran	**29**		**20**	**µg/L**	1	1/29/2011 09:43 PM
Toluene	**5,500**		**100**	**µg/L**	100	2/1/2011 12:21 PM
trans-1,2-Dichloroethene	**45**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Trichloroethene	**37**		**1.0**	**µg/L**	1	1/29/2011 09:43 PM
Trichlorofluoromethane	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Vinyl acetate	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Vinyl chloride	**400**		**50**	**µg/L**	50	1/31/2011 04:09 PM
1,2-Dichloroethene, Total	**1,700**		**100**	**µg/L**	50	1/31/2011 04:09 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/29/2011 09:43 PM
Xylenes, Total	**8,800**		**150**	**µg/L**	50	1/31/2011 04:09 PM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	50	1/31/2011 04:09 PM
Surr: 1,2-Dichloroethane-d4	*99.5*		*70-120*	*%REC*	100	2/1/2011 12:21 PM
Surr: 1,2-Dichloroethane-d4	*91.6*		*70-120*	*%REC*	1	1/29/2011 09:43 PM
Surr: 4-Bromofluorobenzene	*99.4*		*75-120*	*%REC*	50	1/31/2011 04:09 PM
Surr: 4-Bromofluorobenzene	*98.4*		*75-120*	*%REC*	100	2/1/2011 12:21 PM
Surr: 4-Bromofluorobenzene	*106*		*75-120*	*%REC*	1	1/29/2011 09:43 PM
Surr: Dibromofluoromethane	*103*		*85-115*	*%REC*	50	1/31/2011 04:09 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	100	2/1/2011 12:21 PM
Surr: Dibromofluoromethane	*97.2*		*85-115*	*%REC*	1	1/29/2011 09:43 PM
Surr: Toluene-d8	*96.8*		*85-120*	*%REC*	1	1/29/2011 09:43 PM
Surr: Toluene-d8	*99.4*		*85-120*	*%REC*	50	1/31/2011 04:09 PM
Surr: Toluene-d8	*98.4*		*85-120*	*%REC*	100	2/1/2011 12:21 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-11
Collection Date: 1/20/2011 01:10 PM

Work Order: 1101524
Lab ID: 1101524-10
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*62.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND	UJ	1.0	µg/L	1	1/29/2011 07:04 PM
1,1,1-Trichloroethane	**29**		**1.0**	**µg/L**	1	1/29/2011 07:04 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,1-Dichloroethane	**1,400**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
1,1-Dichloroethene	**31**	J	**1.0**	**µg/L**	1	1/29/2011 07:04 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,2,4-Trimethylbenzene	**1,100**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,2-Dichlorobenzene	**2.1**		**1.0**	**µg/L**	1	1/29/2011 07:04 PM
1,2-Dichloroethane	**460**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
1,2-Dichloropropane	**1,900**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
1,3,5-Trimethylbenzene	**380**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 07:04 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
2-Butanone	ND	UJ	5.0	µg/L	1	1/29/2011 07:04 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/29/2011 07:04 PM
2-Chlorotoluene	ND	UJ	1.0	µg/L	1	1/29/2011 07:04 PM
2-Hexanone	ND		5.0	µg/L	1	1/29/2011 07:04 PM
2-Methylnaphthalene	**96**		**5.0**	**µg/L**	1	1/29/2011 07:04 PM

KH 2/14/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-11
Collection Date: 1/20/2011 01:10 PM

Work Order: 1101524
Lab ID: 1101524-10
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND	UJ	1.0	µg/L	1	1/29/2011 07:04 PM
4-Methyl-2-pentanone	ND	UJ	5.0	µg/L	1	1/29/2011 07:04 PM
Acetone	**160**	J	**150**	**µg/L**	100	1/31/2011 04:36 PM
Acrolein	ND		5.0	µg/L	1	1/29/2011 07:04 PM
Acrylonitrile	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Benzene	**2,600**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
Bromobenzene	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Bromochloromethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Bromoform	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Bromomethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Carbon disulfide	ND	UJ	2.5	µg/L	1	1/29/2011 07:04 PM
Carbon tetrachloride	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Chlorobenzene	**43**		**1.0**	**µg/L**	1	1/29/2011 07:04 PM
Chloroethane	**510**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
Chloroform	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Chloromethane	ND	UJ	1.0	µg/L	1	1/29/2011 07:04 PM
cis-1,2-Dichloroethene	**1,400**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Dibromomethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Diethyl ether	ND		10	µg/L	1	1/29/2011 07:04 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/29/2011 07:04 PM
Ethylbenzene	**2,200**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Hexachloroethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Hexane	**32**		**5.0**	**µg/L**	1	1/29/2011 07:04 PM
Iodomethane	ND	UJ	1.0	µg/L	1	1/29/2011 07:04 PM
Isopropylbenzene	**99**		**1.0**	**µg/L**	1	1/29/2011 07:04 PM
m,p-Xylene	**10,000**	J	**200**	**µg/L**	100	1/31/2011 04:36 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/29/2011 07:04 PM
Methylene chloride	**17**		**5.0**	**µg/L**	1	1/29/2011 07:04 PM
n-Butylbenzene	ND	UJ	1.0	µg/L	1	1/29/2011 07:04 PM
n-Heptane	**19**		**5.0**	**µg/L**	1	1/29/2011 07:04 PM
n-Propylbenzene	ND		100	µg/L	100	1/31/2011 04:36 PM
Naphthalene	**760**	J	**500**	**µg/L**	100	1/31/2011 04:36 PM
o-Xylene	**4,700**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
p-Isopropyltoluene	**770**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
sec-Butylbenzene	**15**		**1.0**	**µg/L**	1	1/29/2011 07:04 PM

KH 2/14/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-11
Collection Date: 1/20/2011 01:10 PM

Work Order: 1101524
Lab ID: 1101524-10
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND	UJ	1.0	µg/L	1	1/29/2011 07:04 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/29/2011 07:04 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/29/2011 07:04 PM
tert-Butylbenzene	ND	UJ	1.0	µg/L	1	1/29/2011 07:04 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Tetrachloroethene	**3.4**		**1.0**	**µg/L**	1	1/29/2011 07:04 PM
Tetrahydrofuran	ND		20	µg/L	1	1/29/2011 07:04 PM
Toluene	**16,000**	J	**200**	**µg/L**	200	2/1/2011 12:48 PM
trans-1,2-Dichloroethene	**49**	J	**1.0**	**µg/L**	1	1/29/2011 07:04 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 07:04 PM
trans-1,4-Dichloro-2-butene	ND	UJ	1.0	µg/L	1	1/29/2011 07:04 PM
Trichloroethene	**4.6**		**1.0**	**µg/L**	1	1/29/2011 07:04 PM
Trichlorofluoromethane	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Vinyl acetate	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Vinyl chloride	**3,100**	J	**100**	**µg/L**	100	1/31/2011 04:36 PM
1,2-Dichloroethene, Total	**1,400**		**200**	**µg/L**	100	1/31/2011 04:36 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/29/2011 07:04 PM
Xylenes, Total	**15,000**	J	**300**	**µg/L**	100	1/31/2011 04:36 PM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	100	1/31/2011 04:36 PM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	200	2/1/2011 12:48 PM
Surr: 1,2-Dichloroethane-d4	*95.0*		*70-120*	*%REC*	1	1/29/2011 07:04 PM
Surr: 4-Bromofluorobenzene	*98.6*		*75-120*	*%REC*	100	1/31/2011 04:36 PM
Surr: 4-Bromofluorobenzene	*99.8*		*75-120*	*%REC*	200	2/1/2011 12:48 PM
Surr: 4-Bromofluorobenzene	*113*		*75-120*	*%REC*	1	1/29/2011 07:04 PM
Surr: Dibromofluoromethane	*102*		*85-115*	*%REC*	100	1/31/2011 04:36 PM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	200	2/1/2011 12:48 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	1/29/2011 07:04 PM
Surr: Toluene-d8	*89.1*		*85-120*	*%REC*	1	1/29/2011 07:04 PM
Surr: Toluene-d8	*100*		*85-120*	*%REC*	100	1/31/2011 04:36 PM
Surr: Toluene-d8	*101*		*85-120*	*%REC*	200	2/1/2011 12:48 PM

KAS 2/14/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-13 (Unfiltered)
Collection Date: 1/20/2011 01:30 PM

Work Order: 1101524
Lab ID: 1101524-11
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*48.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,1-Dichloroethane	**98**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,2,4-Trimethylbenzene	**470**		**100**	**µg/L**	100	1/31/2011 05:30 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,2-Dichlorobenzene	**67**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
1,2-Dichloroethane	**53**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
1,2-Dichloropropane	**43**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
1,3,5-Trimethylbenzene	**180**		**100**	**µg/L**	100	1/31/2011 05:30 PM
1,3-Dichlorobenzene	**1.5**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
1,4-Dichlorobenzene	**5.0**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
2-Butanone	**15**		**5.0**	**µg/L**	1	2/1/2011 02:04 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	2/1/2011 02:04 PM
2-Chlorotoluene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
2-Hexanone	**6.1**		**5.0**	**µg/L**	1	2/1/2011 02:04 PM
2-Methylnaphthalene	**68**		**5.0**	**µg/L**	1	2/1/2011 02:04 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-13 (Unfiltered)
Collection Date: 1/20/2011 01:30 PM

Work Order: 1101524
Lab ID: 1101524-11
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	2/1/2011 02:04 PM
Acetone	**180**		**150**	**µg/L**	100	1/31/2011 05:30 PM
Acrolein	ND		5.0	µg/L	1	2/1/2011 02:04 PM
Acrylonitrile	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Benzene	**280**		**100**	**µg/L**	100	1/31/2011 05:30 PM
Bromobenzene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Bromochloromethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Bromodichloromethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Bromoform	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Bromomethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Carbon disulfide	ND		2.5	µg/L	1	2/1/2011 02:04 PM
Carbon tetrachloride	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Chlorobenzene	**7.4**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
Chloroethane	**2.0**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
Chloroform	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Chloromethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
cis-1,2-Dichloroethene	**370**		**100**	**µg/L**	100	1/31/2011 05:30 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Dibromochloromethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Dibromomethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Diethyl ether	ND		10	µg/L	1	2/1/2011 02:04 PM
Diisopropyl ether	ND		5.0	µg/L	1	2/1/2011 02:04 PM
Ethylbenzene	**610**		**100**	**µg/L**	100	1/31/2011 05:30 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Hexachloroethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Hexane	**7.1**		**5.0**	**µg/L**	1	2/1/2011 02:04 PM
Iodomethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Isopropylbenzene	**30**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
m,p-Xylene	**1,600**		**200**	**µg/L**	100	1/31/2011 05:30 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	2/1/2011 02:04 PM
Methylene chloride	**54**		**5.0**	**µg/L**	1	2/1/2011 02:04 PM
n-Butylbenzene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
n-Heptane	ND		5.0	µg/L	1	2/1/2011 02:04 PM
n-Propylbenzene	**37**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
Naphthalene	**200**		**100**	**µg/L**	100	1/31/2011 05:30 PM
o-Xylene	**380**		**100**	**µg/L**	100	1/31/2011 05:30 PM
p-Isopropyltoluene	**28**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
sec-Butylbenzene	**5.0**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-13 (Unfiltered)
Collection Date: 1/20/2011 01:30 PM

Work Order: 1101524
Lab ID: 1101524-11
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	2/1/2011 02:04 PM
tert-Butyl alcohol	ND		50	µg/L	1	2/1/2011 02:04 PM
tert-Butylbenzene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Tetrachloroethene	**8.8**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
Tetrahydrofuran	**32**		**20**	**µg/L**	1	2/1/2011 02:04 PM
Toluene	**550**		**100**	**µg/L**	100	1/31/2011 05:30 PM
trans-1,2-Dichloroethene	**9.1**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Trichloroethene	**54**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
Trichlorofluoromethane	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Vinyl acetate	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Vinyl chloride	**28**		**1.0**	**µg/L**	1	2/1/2011 02:04 PM
1,2-Dichloroethene, Total	**370**		**200**	**µg/L**	100	1/31/2011 05:30 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	2/1/2011 02:04 PM
Xylenes, Total	**2,000**		**300**	**µg/L**	100	1/31/2011 05:30 PM
Surr: 1,2-Dichloroethane-d4	*99.5*		*70-120*	*%REC*	1	2/1/2011 02:04 PM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	100	1/31/2011 05:30 PM
Surr: 4-Bromofluorobenzene	*103*		*75-120*	*%REC*	1	2/1/2011 02:04 PM
Surr: 4-Bromofluorobenzene	*98.8*		*75-120*	*%REC*	100	1/31/2011 05:30 PM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	1	2/1/2011 02:04 PM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	100	1/31/2011 05:30 PM
Surr: Toluene-d8	*100*		*85-120*	*%REC*	100	1/31/2011 05:30 PM
Surr: Toluene-d8	*102*		*85-120*	*%REC*	1	2/1/2011 02:04 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-GW-TMW-13 (Filtered)
Collection Date: 1/20/2011 01:30 PM

Work Order: 1101524
Lab ID: 1101524-12
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*48.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-FB-01
Collection Date: 1/20/2011 01:35 PM

Work Order: 1101524
Lab ID: 1101524-13
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **1/24/2011**	Analyst: **JD**
Aroclor 1016	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1221	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1232	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1242	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1248	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1254	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1260	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1262	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Aroclor 1268	ND		0.40	µg/L	1	1/25/2011 02:06 PM
Surr: Decachlorobiphenyl	*59.0*		*30-150*	*%REC*	1	1/25/2011 02:06 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2,4-Trimethylbenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,3,5-Trimethylbenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
2-Butanone	ND		5.0	µg/L	1	1/29/2011 06:37 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/29/2011 06:37 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
2-Hexanone	ND		5.0	µg/L	1	1/29/2011 06:37 PM
2-Methylnaphthalene	ND		5.0	µg/L	1	1/29/2011 06:37 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-FB-01
Collection Date: 1/20/2011 01:35 PM

Work Order: 1101524
Lab ID: 1101524-13
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/29/2011 06:37 PM
Acetone	ND		10	µg/L	1	1/29/2011 06:37 PM
Acrolein	ND		5.0	µg/L	1	1/29/2011 06:37 PM
Acrylonitrile	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Benzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Bromobenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Bromochloromethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Bromoform	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Bromomethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Carbon disulfide	ND		2.5	µg/L	1	1/29/2011 06:37 PM
Carbon tetrachloride	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Chlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Chloroethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Chloroform	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Chloromethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Dibromomethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Diethyl ether	ND		10	µg/L	1	1/29/2011 06:37 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/29/2011 06:37 PM
Ethylbenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Hexachloroethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Hexane	ND		5.0	µg/L	1	1/29/2011 06:37 PM
Iodomethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Isopropylbenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
m,p-Xylene	ND		2.0	µg/L	1	1/29/2011 06:37 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/29/2011 06:37 PM
Methylene chloride	ND		5.0	µg/L	1	1/29/2011 06:37 PM
n-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
n-Heptane	ND		5.0	µg/L	1	1/29/2011 06:37 PM
n-Propylbenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Naphthalene	ND		5.0	µg/L	1	1/29/2011 06:37 PM
o-Xylene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
p-Isopropyltoluene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
sec-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-FB-01
Collection Date: 1/20/2011 01:35 PM

Work Order: 1101524
Lab ID: 1101524-13
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Styrene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/29/2011 06:37 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/29/2011 06:37 PM
tert-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Tetrachloroethene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Tetrahydrofuran	ND		20	µg/L	1	1/29/2011 06:37 PM
Toluene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Trichloroethene	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Trichlorofluoromethane	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Vinyl acetate	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Vinyl chloride	ND		1.0	µg/L	1	1/29/2011 06:37 PM
1,2-Dichloroethene, Total	ND		2.0	µg/L	1	1/29/2011 06:37 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/29/2011 06:37 PM
Xylenes, Total	ND		3.0	µg/L	1	1/29/2011 06:37 PM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	1	1/29/2011 06:37 PM
Surr: 4-Bromofluorobenzene	*96.1*		*75-120*	*%REC*	1	1/29/2011 06:37 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	1/29/2011 06:37 PM
Surr: Toluene-d8	*99.2*		*85-120*	*%REC*	1	1/29/2011 06:37 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-TB-01
Collection Date: 1/20/2011

Work Order: 1101524
Lab ID: 1101524-14
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2,4-Trimethylbenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,3,5-Trimethylbenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
2-Butanone	ND		5.0	µg/L	1	1/29/2011 05:13 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/29/2011 05:13 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
2-Hexanone	ND		5.0	µg/L	1	1/29/2011 05:13 PM
2-Methylnaphthalene	ND		5.0	µg/L	1	1/29/2011 05:13 PM
4-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/29/2011 05:13 PM
Acetone	ND		10	µg/L	1	1/29/2011 05:13 PM
Acrolein	ND		5.0	µg/L	1	1/29/2011 05:13 PM
Acrylonitrile	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Benzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Bromobenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Bromochloromethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Bromoform	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Bromomethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Carbon disulfide	ND		2.5	µg/L	1	1/29/2011 05:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-TB-01
Collection Date: 1/20/2011

Work Order: 1101524
Lab ID: 1101524-14
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon tetrachloride	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Chlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Chloroethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Chloroform	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Chloromethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Dibromomethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Diethyl ether	ND		10	µg/L	1	1/29/2011 05:13 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/29/2011 05:13 PM
Ethylbenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Hexachloroethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Hexane	ND		5.0	µg/L	1	1/29/2011 05:13 PM
Iodomethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Isopropylbenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
m,p-Xylene	ND		2.0	µg/L	1	1/29/2011 05:13 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/29/2011 05:13 PM
Methylene chloride	ND		5.0	µg/L	1	1/29/2011 05:13 PM
n-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
n-Heptane	ND		5.0	µg/L	1	1/29/2011 05:13 PM
n-Propylbenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Naphthalene	ND		5.0	µg/L	1	1/29/2011 05:13 PM
o-Xylene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
p-Isopropyltoluene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
sec-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Styrene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/29/2011 05:13 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/29/2011 05:13 PM
tert-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Tetrachloroethene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Tetrahydrofuran	ND		20	µg/L	1	1/29/2011 05:13 PM
Toluene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Trichloroethene	ND		1.0	µg/L	1	1/29/2011 05:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-TB-01
Collection Date: 1/20/2011

Work Order: 1101524
Lab ID: 1101524-14
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Vinyl acetate	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Vinyl chloride	ND		1.0	µg/L	1	1/29/2011 05:13 PM
1,2-Dichloroethene, Total	ND		2.0	µg/L	1	1/29/2011 05:13 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/29/2011 05:13 PM
Xylenes, Total	ND		3.0	µg/L	1	1/29/2011 05:13 PM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	1	1/29/2011 05:13 PM
Surr: 4-Bromofluorobenzene	*96.9*		*75-120*	*%REC*	1	1/29/2011 05:13 PM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	1	1/29/2011 05:13 PM
Surr: Toluene-d8	*99.0*		*85-120*	*%REC*	1	1/29/2011 05:13 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-TB-02
Collection Date: 1/20/2011

Work Order: 1101524
Lab ID: 1101524-15
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2,4-Trimethylbenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,3,5-Trimethylbenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
2-Butanone	ND		5.0	µg/L	1	1/29/2011 05:42 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/29/2011 05:42 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
2-Hexanone	ND		5.0	µg/L	1	1/29/2011 05:42 PM
2-Methylnaphthalene	ND		5.0	µg/L	1	1/29/2011 05:42 PM
4-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/29/2011 05:42 PM
Acetone	ND		10	µg/L	1	1/29/2011 05:42 PM
Acrolein	ND		5.0	µg/L	1	1/29/2011 05:42 PM
Acrylonitrile	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Benzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Bromobenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Bromochloromethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Bromoform	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Bromomethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Carbon disulfide	ND		2.5	µg/L	1	1/29/2011 05:42 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-TB-02
Collection Date: 1/20/2011

Work Order: 1101524
Lab ID: 1101524-15
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon tetrachloride	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Chlorobenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Chloroethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Chloroform	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Chloromethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Dibromomethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Diethyl ether	ND		10	µg/L	1	1/29/2011 05:42 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/29/2011 05:42 PM
Ethylbenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Hexachloroethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Hexane	ND		5.0	µg/L	1	1/29/2011 05:42 PM
Iodomethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Isopropylbenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
m,p-Xylene	ND		2.0	µg/L	1	1/29/2011 05:42 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/29/2011 05:42 PM
Methylene chloride	ND		5.0	µg/L	1	1/29/2011 05:42 PM
n-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
n-Heptane	ND		5.0	µg/L	1	1/29/2011 05:42 PM
n-Propylbenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Naphthalene	ND		5.0	µg/L	1	1/29/2011 05:42 PM
o-Xylene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
p-Isopropyltoluene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
sec-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Styrene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/29/2011 05:42 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/29/2011 05:42 PM
tert-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Tetrachloroethene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Tetrahydrofuran	ND		20	µg/L	1	1/29/2011 05:42 PM
Toluene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Trichloroethene	ND		1.0	µg/L	1	1/29/2011 05:42 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-TB-02
Collection Date: 1/20/2011

Work Order: 1101524
Lab ID: 1101524-15
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Vinyl acetate	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Vinyl chloride	ND		1.0	µg/L	1	1/29/2011 05:42 PM
1,2-Dichloroethene, Total	ND		2.0	µg/L	1	1/29/2011 05:42 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/29/2011 05:42 PM
Xylenes, Total	ND		3.0	µg/L	1	1/29/2011 05:42 PM
Surr: 1,2-Dichloroethane-d4	*100*		*70-120*	*%REC*	1	1/29/2011 05:42 PM
Surr: 4-Bromofluorobenzene	*95.9*		*75-120*	*%REC*	1	1/29/2011 05:42 PM
Surr: Dibromofluoromethane	*99.8*		*85-115*	*%REC*	1	1/29/2011 05:42 PM
Surr: Toluene-d8	*98.0*		*85-120*	*%REC*	1	1/29/2011 05:42 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-TB-03
Collection Date: 1/20/2011

Work Order: 1101524
Lab ID: 1101524-16
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **CW**
1,1,1,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,1,1-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,1,2,2-Tetrachloroethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,1,2-Trichloroethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,1,2-Trichlorotrifluoroethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,1-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,1-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,1-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2,3-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2,3-Trichloropropane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2,4-Trichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2,4-Trimethylbenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2-Dibromo-3-chloropropane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2-Dibromoethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2-Dichloroethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,3,5-Trimethylbenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,3-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,3-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,4-Dichlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
2,2-Dichloropropane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
2-Butanone	ND		5.0	µg/L	1	1/29/2011 06:10 PM
2-Chloroethyl vinyl ether	ND		1.0	µg/L	1	1/29/2011 06:10 PM
2-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
2-Hexanone	ND		5.0	µg/L	1	1/29/2011 06:10 PM
2-Methylnaphthalene	ND		5.0	µg/L	1	1/29/2011 06:10 PM
4-Chlorotoluene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
4-Methyl-2-pentanone	ND		5.0	µg/L	1	1/29/2011 06:10 PM
Acetone	ND		10	µg/L	1	1/29/2011 06:10 PM
Acrolein	ND		5.0	µg/L	1	1/29/2011 06:10 PM
Acrylonitrile	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Benzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Bromobenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Bromochloromethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Bromodichloromethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Bromoform	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Bromomethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Carbon disulfide	ND		2.5	µg/L	1	1/29/2011 06:10 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-TB-03
Collection Date: 1/20/2011

Work Order: 1101524
Lab ID: 1101524-16
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon tetrachloride	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Chlorobenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Chloroethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Chloroform	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Chloromethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
cis-1,2-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
cis-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Dibromochloromethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Dibromomethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Dichlorodifluoromethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Diethyl ether	ND		10	µg/L	1	1/29/2011 06:10 PM
Diisopropyl ether	ND		5.0	µg/L	1	1/29/2011 06:10 PM
Ethylbenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Hexachlorobutadiene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Hexachloroethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Hexane	ND		5.0	µg/L	1	1/29/2011 06:10 PM
Iodomethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Isopropylbenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
m,p-Xylene	ND		2.0	µg/L	1	1/29/2011 06:10 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	1/29/2011 06:10 PM
Methylene chloride	ND		5.0	µg/L	1	1/29/2011 06:10 PM
n-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
n-Heptane	ND		5.0	µg/L	1	1/29/2011 06:10 PM
n-Propylbenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Naphthalene	ND		5.0	µg/L	1	1/29/2011 06:10 PM
o-Xylene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
p-Isopropyltoluene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
sec-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Styrene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
t-Butyl ethyl ether	ND		1.0	µg/L	1	1/29/2011 06:10 PM
tert-Butyl alcohol	ND		50	µg/L	1	1/29/2011 06:10 PM
tert-Butylbenzene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Tertiaryamylmethylether	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Tetrachloroethene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Tetrahydrofuran	ND		20	µg/L	1	1/29/2011 06:10 PM
Toluene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
trans-1,2-Dichloroethene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
trans-1,3-Dichloropropene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
trans-1,4-Dichloro-2-butene	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Trichloroethene	ND		1.0	µg/L	1	1/29/2011 06:10 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *03-Feb-11*

Client: Horizon Environmental
Project: Reclamation Oil (GSB-0102)
Sample ID: RO-TB-03
Collection Date: 1/20/2011

Work Order: 1101524
Lab ID: 1101524-16
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Trichlorofluoromethane	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Vinyl acetate	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Vinyl chloride	ND		1.0	µg/L	1	1/29/2011 06:10 PM
1,2-Dichloroethene, Total	ND		2.0	µg/L	1	1/29/2011 06:10 PM
1,3-Dichloropropene, Total	ND		1.0	µg/L	1	1/29/2011 06:10 PM
Xylenes, Total	ND		3.0	µg/L	1	1/29/2011 06:10 PM
Surr: 1,2-Dichloroethane-d4	*100*		*70-120*	*%REC*	1	1/29/2011 06:10 PM
Surr: 4-Bromofluorobenzene	*95.6*		*75-120*	*%REC*	1	1/29/2011 06:10 PM
Surr: Dibromofluoromethane	*99.3*		*85-115*	*%REC*	1	1/29/2011 06:10 PM
Surr: Toluene-d8	*98.6*		*85-120*	*%REC*	1	1/29/2011 06:10 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 03-Feb-11

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **31579** Instrument ID **GC4** Method: **E608**

MBLK Sample ID: **PBLKW1-31579-31579** Units: **µg/L** Analysis Date: **1/24/2011 11:16 AM**
Client ID: Run ID: **GC4_110124A** SeqNo: **1541354** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.40								
Aroclor 1221	ND	0.40								
Aroclor 1232	ND	0.40								
Aroclor 1242	ND	0.40								
Aroclor 1248	ND	0.40								
Aroclor 1254	ND	0.40								
Aroclor 1260	ND	0.40								
Surr: Decachlorobiphenyl	*0.074*	0	*0.1*	0	*74*	*50-130*		0		

MBLK Sample ID: **PBLKW1-31579-31579** Units: **µg/L** Analysis Date: **1/25/2011 02:06 PM**
Client ID: Run ID: **GC4_110125A** SeqNo: **1543342** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.40								
Aroclor 1221	ND	0.40								
Aroclor 1232	ND	0.40								
Aroclor 1242	ND	0.40								
Aroclor 1248	ND	0.40								
Aroclor 1254	ND	0.40								
Aroclor 1260	ND	0.40								
Surr: Decachlorobiphenyl	*0.086*	0	*0.1*	0	*86*	*30-150*		0		

MBLK Sample ID: **PBLKW1-31579-31579** Units: **µg/L** Analysis Date: **1/25/2011 02:06 PM**
Client ID: Run ID: **GC4_110125A** SeqNo: **1543345** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	0.40								
Aroclor 1221	ND	0.40								
Aroclor 1232	ND	0.40								
Aroclor 1242	ND	0.40								
Aroclor 1248	ND	0.40								
Aroclor 1254	ND	0.40								
Aroclor 1260	ND	0.40								
Surr: Decachlorobiphenyl	*0.086*	0	*0.1*	0	*86*	*50-130*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **31579** Instrument ID **GC4** Method: **E608**

LCS Sample ID: **PLCSW1-31579-31579** Units: **µg/L** Analysis Date: **1/24/2011 11:16 AM**
Client ID: Run ID: **GC4_110124A** SeqNo: **1541356** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.138	0.40	2.5	0	85.5	50-130	0			
Aroclor 1260	2.24	0.40	2.5	0	89.6	50-130	0			
Surr: Decachlorobiphenyl	*0.09*	0	*0.1*	0	*90*	*50-130*	0			

LCS Sample ID: **PLCSW1-31579-31579** Units: **µg/L** Analysis Date: **1/25/2011 02:06 PM**
Client ID: Run ID: **GC4_110125A** SeqNo: **1543344** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.237	0.40	2.5	0	89.5	30-150	0			
Aroclor 1260	2.419	0.40	2.5	0	96.8	30-150	0			
Surr: Decachlorobiphenyl	*0.085*	0	*0.1*	0	*85*	*30-150*	0			

LCS Sample ID: **PLCSW1-31579-31579** Units: **µg/L** Analysis Date: **1/25/2011 02:06 PM**
Client ID: Run ID: **GC4_110125A** SeqNo: **1543347** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.237	0.40	2.5	0	89.5	50-130	0			
Aroclor 1260	2.419	0.40	2.5	0	96.8	50-130	0			
Surr: Decachlorobiphenyl	*0.085*	0	*0.1*	0	*85*	*50-130*	0			

LCSD Sample ID: **PLCSDW1-31579-31579** Units: **µg/L** Analysis Date: **1/24/2011 11:16 AM**
Client ID: Run ID: **GC4_110124A** SeqNo: **1541355** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.339	0.40	2.5	0	93.6	50-130	2.138	8.98	25	
Aroclor 1260	2.401	0.40	2.5	0	96	50-130	2.24	6.94	25	
Surr: Decachlorobiphenyl	*0.096*	0	*0.1*	0	*96*	*50-130*	0.09	*6.45*	*25*	

LCSD Sample ID: **PLCSDW1-31579-31579** Units: **µg/L** Analysis Date: **1/25/2011 02:06 PM**
Client ID: Run ID: **GC4_110125A** SeqNo: **1543343** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.282	0.40	2.5	0	91.3	30-150	2.237	1.99	40	
Aroclor 1260	2.475	0.40	2.5	0	99	30-150	2.419	2.29	40	
Surr: Decachlorobiphenyl	*0.083*	0	*0.1*	0	*83*	*30-150*	0.085	*2.38*	*40*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **31579** Instrument ID **GC4** Method: **E608**

LCSD Sample ID: **PLCSDW1-31579-31579** Units: **µg/L** Analysis Date: **1/25/2011 02:06 PM**
Client ID: Run ID: **GC4_110125A** SeqNo: **1543346** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	2.282	0.40	2.5	0	91.3	50-130	2.237	1.99	25	
Aroclor 1260	2.475	0.40	2.5	0	99	50-130	2.419	2.29	25	
Surr: Decachlorobiphenyl	*0.083*	0	*0.1*	0	*83*	*50-130*	0.085	*2.38*	*25*	

MS Sample ID: **1101524-10B MS** Units: **µg/L** Analysis Date: **1/25/2011 02:06 PM**
Client ID: **RO-GW-TMW-11** Run ID: **GC4_110125A** SeqNo: **1543336** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	20.29	4.0	25	0	81.2	30-150	0			
Aroclor 1260	21.26	4.0	25	0	85	30-150	0			
Surr: Decachlorobiphenyl	*0.76*	0	*1*	0	*76*	*30-150*	0			

MSD Sample ID: **1101524-10B MSD** Units: **µg/L** Analysis Date: **1/25/2011 02:06 PM**
Client ID: **RO-GW-TMW-11** Run ID: **GC4_110125A** SeqNo: **1543337** Prep Date: **1/24/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	20.22	4.0	25	0	80.9	30-150	20.29	0.346	40	
Aroclor 1260	19.77	4.0	25	0	79.1	30-150	21.26	7.26	40	
Surr: Decachlorobiphenyl	*0.73*	0	*1*	0	*73*	*30-150*	0.76	*4.03*	*40*	

The following samples were analyzed in this batch:

1101524-01B	1101524-02B	1101524-03B
1101524-04B	1101524-05A	1101524-06B
1101524-07A	1101524-08B	1101524-09B
1101524-10B	1101524-11B	1101524-12A
1101524-13B		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110129-R86488A** Units: **µg/L** Analysis Date: **1/29/2011 01:29 PM**

Client ID: Run ID: **VMS8_110129A** SeqNo: **1546306** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chloroethyl vinyl ether	ND	10								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrolein	ND	5.0								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

Chloroform	ND	1.0					
Chloromethane	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
n-Butylbenzene	ND	1.0					
n-Heptane	ND	5.0					
n-Propylbenzene	ND	1.0					
Naphthalene	ND	5.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
t-Butanol	ND	50					
t-Butyl ethyl ether	ND	1.0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tertiaryamylmethylether	ND	5.0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	2.0					
Surr: 1,2-Dichloroethane-d4	*99.19*	0	*100*	0	*99.2*	*70-120*	0
Surr: 4-Bromofluorobenzene	*96.12*	0	*100*	0	*96.1*	*75-120*	0
Surr: Dibromofluoromethane	*98.84*	0	*100*	0	*98.8*	*85-115*	0
Surr: Toluene-d8	*99.64*	0	*100*	0	*99.6*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

LCS Sample ID: **VLCSW1-110129-R86488A** Units: **µg/L** Analysis Date: **1/29/2011 12:07 PM**

Client ID: Run ID: **VMS8_110129A** SeqNo: **1546304** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	19.36	1.0	20	0	96.8	80-130		0		
1,1,1-Trichloroethane	21.06	1.0	20	0	105	65-130		0		
1,1,2,2-Tetrachloroethane	19.28	1.0	20	0	96.4	65-130		0		
1,1,2-Trichloroethane	19.73	1.0	20	0	98.6	75-125		0		
1,1-Dichloroethane	17.77	1.0	20	0	88.8	70-135		0		
1,1-Dichloroethene	21.48	1.0	20	0	107	70-130		0		
1,1-Dichloropropene	19.7	1.0	20	0	98.5	75-130		0		
1,2,3-Trichlorobenzene	19.63	3.0	20	0	98.2	55-140		0		
1,2,3-Trichloropropane	19.54	1.0	20	0	97.7	75-125		0		
1,2,4-Trichlorobenzene	20.26	1.0	20	0	101	65-135		0		
1,2,4-Trimethylbenzene	20.81	1.0	20	0	104	75-130		0		
1,2-Dibromo-3-chloropropane	17.45	1.0	20	0	87.2	50-130		0		
1,2-Dibromoethane	20.53	1.0	20	0	103	80-120		0		
1,2-Dichlorobenzene	20.18	1.0	20	0	101	70-120		0		
1,2-Dichloroethane	18.87	1.0	20	0	94.4	70-130		0		
1,2-Dichloropropane	19.35	2.0	20	0	96.8	75-125		0		
1,3,5-Trimethylbenzene	20.41	1.0	20	0	102	75-130		0		
1,3-Dichlorobenzene	20.05	2.0	20	0	100	75-125		0		
1,3-Dichloropropane	19.6	1.0	20	0	98	75-125		0		
1,4-Dichlorobenzene	20.32	2.0	20	0	102	75-125		0		
2,2-Dichloropropane	22.25	1.0	20	0	111	70-135		0		
2-Butanone	13.79	5.0	20	0	69	30-150		0		
2-Chlorotoluene	19.9	2.0	20	0	99.5	75-125		0		
2-Hexanone	17.64	5.0	20	0	88.2	55-130		0		
4-Chlorotoluene	20.59	1.0	20	0	103	75-135		0		
4-Methyl-2-pentanone	17.89	5.0	20	0	89.4	60-135		0		
Acetone	19.98	20	20	0	99.9	40-140		0		J
Acrylonitrile	18.34	1.0	20	0	91.7	70-135		0		
Benzene	19.66	1.0	20	0	98.3	80-120		0		
Bromobenzene	19.71	1.0	20	0	98.6	75-125		0		
Bromochloromethane	20.07	1.0	20	0	100	65-130		0		
Bromodichloromethane	19.07	1.0	20	0	95.4	75-120		0		
Bromoform	17.64	1.0	20	0	88.2	70-130		0		
Bromomethane	22.88	1.0	20	0	114	30-145		0		
Carbon disulfide	25.42	2.5	20	0	127	35-165		0		
Carbon tetrachloride	18.74	1.0	20	0	93.7	65-140		0		
Chlorobenzene	20.24	1.0	20	0	101	80-120		0		
Chloroethane	18.7	1.0	20	0	93.5	60-135		0		
Chloroform	19.69	1.0	20	0	98.4	65-135		0		
Chloromethane	18.84	1.0	20	0	94.2	70-125		0		
cis-1,2-Dichloroethene	19.12	1.0	20	0	95.6	70-125		0		
cis-1,3-Dichloropropene	19.66	1.0	20	0	98.3	70-130		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

Dibromochloromethane	19.05	1.0	20	0	95.2	60-135	0
Dibromomethane	20.3	1.0	20	0	102	75-125	0
Dichlorodifluoromethane	17.75	1.0	20	0	88.8	30-155	0
Ethylbenzene	20.19	1.0	20	0	101	75-125	0
Hexachlorobutadiene	21.62	5.0	20	0	108	50-140	0
Hexachloroethane	15.9	1.0	20	0	79.5	70-135	0
Iodomethane	19.76	5.0	20	0	98.8	70-135	0
Isopropylbenzene	24.01	1.0	20	0	120	75-125	0
m,p-Xylene	40.62	2.0	40	0	102	75-130	0
Methyl tert-butyl ether	19.63	5.0	20	0	98.2	65-125	0
Methylene chloride	20.2	5.0	20	0	101	55-140	0
n-Butylbenzene	21.32	1.0	20	0	107	70-135	0
n-Propylbenzene	20.73	1.0	20	0	104	70-130	0
Naphthalene	20	5.0	20	0	100	55-140	0
o-Xylene	20.46	1.0	20	0	102	80-120	0
p-Isopropyltoluene	22.36	2.0	20	0	112	75-130	0
sec-Butylbenzene	21.52	2.0	20	0	108	70-125	0
Styrene	21.22	1.0	20	0	106	65-135	0
tert-Butylbenzene	20.75	2.0	20	0	104	70-130	0
Tetrachloroethene	21.35	2.0	20	0	107	45-150	0
Tetrahydrofuran	18.04	10	20	0	90.2	70-135	0
Toluene	19.61	1.0	20	0	98	75-120	0
trans-1,2-Dichloroethene	20.77	1.0	20	0	104	60-140	0
trans-1,3-Dichloropropene	21.21	1.0	20	0	106	55-140	0
trans-1,4-Dichloro-2-butene	17.97	5.0	20	0	89.8	70-135	0
Trichloroethene	19.64	1.0	20	0	98.2	70-125	0
Trichlorofluoromethane	18.44	1.0	20	0	92.2	60-145	0
Vinyl chloride	20.34	1.0	20	0	102	50-145	0
Xylenes, Total	61.08	2.0	60	0	102	75-130	0
Surr: 1,2-Dichloroethane-d4	*97.03*	0	*100*	0	*97*	*70-120*	0
Surr: 4-Bromofluorobenzene	*100.1*	0	*100*	0	*100*	*75-120*	0
Surr: Dibromofluoromethane	*99.84*	0	*100*	0	*99.8*	*85-115*	0
Surr: Toluene-d8	*98.98*	0	*100*	0	*99*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

LCSD Sample ID: **VLCSDW2-110129-R86488A** Units: **µg/L** Analysis Date: **1/29/2011 01:57 PM**

Client ID: Run ID: **VMS8_110129A** SeqNo: **1546307** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.92	1.0	20	0	94.6	80-130	19.36	2.3	30	
1,1,1-Trichloroethane	21.16	1.0	20	0	106	65-130	21.06	0.474	30	
1,1,2,2-Tetrachloroethane	19.66	1.0	20	0	98.3	65-130	19.28	1.95	30	
1,1,2-Trichloroethane	20.03	1.0	20	0	100	75-125	19.73	1.51	30	
1,1-Dichloroethane	20.28	1.0	20	0	101	70-135	17.77	13.2	30	
1,1-Dichloroethene	20.88	1.0	20	0	104	70-130	21.48	2.83	30	
1,1-Dichloropropene	19.4	1.0	20	0	97	75-130	19.7	1.53	30	
1,2,3-Trichlorobenzene	19.03	3.0	20	0	95.2	55-140	19.63	3.1	30	
1,2,3-Trichloropropane	19.94	1.0	20	0	99.7	75-125	19.54	2.03	30	
1,2,4-Trichlorobenzene	19.83	1.0	20	0	99.2	65-135	20.26	2.15	30	
1,2,4-Trimethylbenzene	20.34	1.0	20	0	102	75-130	20.81	2.28	30	
1,2-Dibromo-3-chloropropane	18.09	1.0	20	0	90.4	50-130	17.45	3.6	30	
1,2-Dibromoethane	20.73	1.0	20	0	104	80-120	20.53	0.969	30	
1,2-Dichlorobenzene	20.05	1.0	20	0	100	70-120	20.18	0.646	30	
1,2-Dichloroethane	18.98	1.0	20	0	94.9	70-130	18.87	0.581	30	
1,2-Dichloropropane	19.51	2.0	20	0	97.6	75-125	19.35	0.823	30	
1,3,5-Trimethylbenzene	18.3	1.0	20	0	91.5	75-130	20.41	10.9	30	
1,3-Dichlorobenzene	19.84	2.0	20	0	99.2	75-125	20.05	1.05	30	
1,3-Dichloropropane	19.48	1.0	20	0	97.4	75-125	19.6	0.614	30	
1,4-Dichlorobenzene	19.97	2.0	20	0	99.8	75-125	20.32	1.74	30	
2,2-Dichloropropane	21.96	1.0	20	0	110	70-135	22.25	1.31	30	
2-Butanone	13.34	5.0	20	0	66.7	30-150	13.79	3.32	30	
2-Chlorotoluene	19.69	2.0	20	0	98.4	75-125	19.9	1.06	30	
2-Hexanone	18.16	5.0	20	0	90.8	55-130	17.64	2.91	30	
4-Chlorotoluene	20.25	1.0	20	0	101	75-135	20.59	1.67	30	
4-Methyl-2-pentanone	18.67	5.0	20	0	93.4	60-135	17.89	4.27	30	
Acetone	18.99	20	20	0	95	40-140	19.98	0	30	J
Acrylonitrile	18.05	1.0	20	0	90.2	70-135	18.34	1.59	30	
Benzene	19.8	1.0	20	0	99	80-120	19.66	0.71	30	
Bromobenzene	19.25	1.0	20	0	96.2	75-125	19.71	2.36	30	
Bromochloromethane	19.69	1.0	20	0	98.4	65-130	20.07	1.91	30	
Bromodichloromethane	18.86	1.0	20	0	94.3	75-120	19.07	1.11	30	
Bromoform	17.77	1.0	20	0	88.8	70-130	17.64	0.734	30	
Bromomethane	20.84	1.0	20	0	104	30-145	22.88	9.33	30	
Carbon disulfide	23.22	2.5	20	0	116	35-165	25.42	9.05	30	
Carbon tetrachloride	18.71	1.0	20	0	93.6	65-140	18.74	0.16	30	
Chlorobenzene	20.03	1.0	20	0	100	80-120	20.24	1.04	30	
Chloroethane	18.27	1.0	20	0	91.4	60-135	18.7	2.33	30	
Chloroform	19.64	1.0	20	0	98.2	65-135	19.69	0.254	30	
Chloromethane	17.68	1.0	20	0	88.4	70-125	18.84	6.35	30	
cis-1,2-Dichloroethene	18.94	1.0	20	0	94.7	70-125	19.12	0.946	30	
cis-1,3-Dichloropropene	19.43	1.0	20	0	97.2	70-130	19.66	1.18	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

Dibromochloromethane	18.87	1.0	20	0	94.4	60-135	19.05	0.949	30
Dibromomethane	20.14	1.0	20	0	101	75-125	20.3	0.791	30
Dichlorodifluoromethane	17.81	1.0	20	0	89	30-155	17.75	0.337	30
Ethylbenzene	19.96	1.0	20	0	99.8	75-125	20.19	1.15	30
Hexachlorobutadiene	19.88	5.0	20	0	99.4	50-140	21.62	8.39	30
Hexachloroethane	15.58	1.0	20	0	77.9	70-135	15.9	2.03	30
Iodomethane	19.07	5.0	20	0	95.4	70-135	19.76	3.55	30
Isopropylbenzene	23.58	1.0	20	0	118	75-125	24.01	1.81	30
m,p-Xylene	40.02	2.0	40	0	100	75-130	40.62	1.49	30
Methyl tert-butyl ether	19.15	5.0	20	0	95.8	65-125	19.63	2.48	30
Methylene chloride	19.63	5.0	20	0	98.2	55-140	20.2	2.86	30
n-Butylbenzene	20.89	1.0	20	0	104	70-135	21.32	2.04	30
n-Propylbenzene	20.42	1.0	20	0	102	70-130	20.73	1.51	30
Naphthalene	18.47	5.0	20	0	92.4	55-140	20	7.95	30
o-Xylene	20.12	1.0	20	0	101	80-120	20.46	1.68	30
p-Isopropyltoluene	21.97	2.0	20	0	110	75-130	22.36	1.76	30
sec-Butylbenzene	20.91	2.0	20	0	105	70-125	21.52	2.88	30
Styrene	15.76	1.0	20	0	78.8	65-135	21.22	29.5	30
tert-Butylbenzene	20.52	2.0	20	0	103	70-130	20.75	1.11	30
Tetrachloroethene	21.15	2.0	20	0	106	45-150	21.35	0.941	30
Tetrahydrofuran	19.34	10	20	0	96.7	70-135	18.04	6.96	30
Toluene	19.61	1.0	20	0	98	75-120	19.61	0	30
trans-1,2-Dichloroethene	19.83	1.0	20	0	99.2	60-140	20.77	4.63	30
trans-1,3-Dichloropropene	20.92	1.0	20	0	105	55-140	21.21	1.38	30
trans-1,4-Dichloro-2-butene	18.61	5.0	20	0	93	70-135	17.97	3.5	30
Trichloroethene	19.56	1.0	20	0	97.8	70-125	19.64	0.408	30
Trichlorofluoromethane	17.96	1.0	20	0	89.8	60-145	18.44	2.64	30
Vinyl chloride	19.88	1.0	20	0	99.4	50-145	20.34	2.29	30
Xylenes, Total	60.14	2.0	60	0	100	75-130	61.08	1.55	30
Surr: 1,2-Dichloroethane-d4	*98.41*	0	*100*	0	*98.4*	*70-120*	97.03	*1.41*	*30*
Surr: 4-Bromofluorobenzene	*99.39*	0	*100*	0	*99.4*	*75-120*	100.1	*0.732*	*30*
Surr: Dibromofluoromethane	*100.1*	0	*100*	0	*100*	*85-115*	99.84	*0.27*	*30*
Surr: Toluene-d8	*100.4*	0	*100*	0	*100*	*85-120*	98.98	*1.42*	*30*

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

MS Sample ID: **1101524-10A MS** Units: **µg/L** Analysis Date: **1/29/2011 10:10 PM**

Client ID: **RO-GW-TMW-11** Run ID: **VMS8_110129A** SeqNo: **1546400** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	15.81	1.0	20	0	79	80-130	0			S
1,1,1-Trichloroethane	49.22	1.0	20	28.87	102	65-130	0			
1,1,2,2-Tetrachloroethane	18.01	1.0	20	0	90	65-130	0			
1,1,2-Trichloroethane	18.66	1.0	20	0	93.3	75-125	0			
1,1-Dichloroethane	1164	1.0	20	1323	-797	70-135	0			SEO
1,1-Dichloroethene	40.09	1.0	20	30.69	47	70-130	0			S
1,1-Dichloropropene	19.12	1.0	20	0	95.6	75-130	0			
1,2,3-Trichlorobenzene	17.56	1.0	20	0	87.8	55-140	0			
1,2,3-Trichloropropane	18.93	1.0	20	0	94.6	75-125	0			
1,2,4-Trichlorobenzene	18.63	1.0	20	0	93.2	65-135	0			
1,2,4-Trimethylbenzene	885.4	1.0	20	949.7	-321	75-130	0			SEO
1,2-Dibromo-3-chloropropane	19.26	1.0	20	0	96.3	50-130	0			
1,2-Dibromoethane	19.78	1.0	20	0	98.9	80-120	0			
1,2-Dichlorobenzene	21.09	1.0	20	2.13	94.8	70-120	0			
1,2-Dichloroethane	415.1	1.0	20	448.6	-168	70-130	0			SEO
1,2-Dichloropropane	1564	1.0	20	1680	-580	75-125	0			SEO
1,3,5-Trimethylbenzene	341.8	1.0	20	342.5	-3.35	75-130	0			SEO
1,3-Dichlorobenzene	19.02	1.0	20	0	95.1	75-125	0			
1,3-Dichloropropane	18.19	1.0	20	0	91	75-125	0			
1,4-Dichlorobenzene	18.98	1.0	20	0	94.9	75-125	0			
2,2-Dichloropropane	21.92	1.0	20	0	110	70-135	0			
2-Butanone	51.4	5.0	20	0	257	30-150	0			S
2-Chlorotoluene	117.6	1.0	20	0	588	75-125	0			SE
2-Hexanone	21.17	5.0	20	0	106	55-130	0			
4-Chlorotoluene	51.88	1.0	20	0	259	75-135	0			S
4-Methyl-2-pentanone	ND	5.0	20	0	0	60-135	0			S
Acetone	92.48	20	20	104.7	-61.1	40-140	0			SO
Acrylonitrile	18.21	1.0	20	0	91	70-135	0			
Benzene	1812	1.0	20	1964	-759	80-120	0			SEO
Bromobenzene	18.02	1.0	20	0	90.1	75-125	0			
Bromochloromethane	16.03	1.0	20	0	80.2	65-130	0			
Bromodichloromethane	19.66	1.0	20	0	98.3	75-120	0			
Bromoform	16.26	1.0	20	0	81.3	70-130	0			
Bromomethane	9.09	1.0	20	0	45.4	30-145	0			
Carbon disulfide	28.93	2.5	20	0	145	35-165	0			
Carbon tetrachloride	19.16	1.0	20	0	95.8	65-140	0			
Chlorobenzene	61.35	1.0	20	43.04	91.6	80-120	0			
Chloroethane	291.4	1.0	20	576.4	-1430	60-135	0			SEO
Chloroform	22.37	1.0	20	0	112	65-135	0			
Chloromethane	13.67	1.0	20	0	68.4	70-125	0			S
cis-1,2-Dichloroethene	1230	1.0	20	1457	-1130	70-125	0			SEO
cis-1,3-Dichloropropene	19.64	1.0	20	0	98.2	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

Dibromochloromethane	17.9	1.0	20	0	89.5	60-135	0	
Dibromomethane	19.72	1.0	20	0	98.6	75-125	0	
Dichlorodifluoromethane	17.39	1.0	20	0	87	30-155	0	
Ethylbenzene	1320	5.0	20	1393	-369	75-125	0	SEO
Hexachlorobutadiene	21.55	100	20	0	108	50-140	0	J
Hexachloroethane	14.03	1.0	20	0	70.2	70-135	0	
Iodomethane	9.06	5.0	20	0	45.3	70-135	0	S
Isopropylbenzene	118.7	50	20	98.98	98.4	75-125	0	EO
m,p-Xylene	3218	0	40	3445	-568	75-130	0	SEO
Methyl tert-butyl ether	18.56	5.0	20	0	92.8	65-125	0	
Methylene chloride	30.99	5.0	20	17.42	67.8	55-140	0	
n-Butylbenzene	65.66	0	20	0	328	70-135	0	S
n-Propylbenzene	116.2	1.0	20	102.1	70.5	70-130	0	EO
Naphthalene	745.5	5.0	20	788.4	-215	55-140	0	SEO
o-Xylene	1989	1.0	20	2132	-719	80-120	0	SEO
p-Isopropyltoluene	798.4	5.0	20	809.1	-53.7	75-130	0	SEO
sec-Butylbenzene	33.46	1.0	20	15.36	90.5	70-125	0	
Styrene	103.6	2.0	20	0	518	65-135	0	SE
tert-Butylbenzene	26.3	50	20	0	132	70-130	0	JS
Tetrachloroethene	23.93	50	20	3.4	103	45-150	0	J
Tetrahydrofuran	25.23	1.0	20	10.63	73	70-135	0	
Toluene	4326	1.0	20	4642	-1580	75-120	0	SEO
trans-1,2-Dichloroethene	87.23	1.0	20	48.92	192	60-140	0	S
trans-1,3-Dichloropropene	21.19	20	20	0	106	55-140	0	
trans-1,4-Dichloro-2-butene	128.4	1.0	20	0	642	70-135	0	SE
Trichloroethene	24.1	1.0	20	4.64	97.3	70-125	0	
Trichlorofluoromethane	17.79	1.0	20	0	89	60-145	0	
Vinyl chloride	2717	1.0	20	2890	-865	50-145	0	SEO
Xylenes, Total	5207	1.0	60	5578	-618	75-130	0	SEO
Surr: 1,2-Dichloroethane-d4	*88.58*	2.0	*100*	0	*88.6*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*107.2*	2.0	*100*	0	*107*	*75-120*	0	
Surr: Dibromofluoromethane	*96.29*	3.0	*100*	0	*96.3*	*85-115*	0	
Surr: Toluene-d8	*90.26*	0	*100*	0	*90.3*	*85-120*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

MSD Sample ID: **1101524-10A MSD** Units: **µg/L** Analysis Date: **1/29/2011 10:36 PM**

Client ID: **RO-GW-TMW-11** Run ID: **VMS8_110129A** SeqNo: **1546401** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	15.86	1.0	20	0	79.3	80-130	15.81	0.316	30	S
1,1,1-Trichloroethane	47.62	1.0	20	28.87	93.8	65-130	49.22	3.3	30	
1,1,2,2-Tetrachloroethane	17.74	1.0	20	0	88.7	65-130	18.01	1.51	30	
1,1,2-Trichloroethane	18.16	1.0	20	0	90.8	75-125	18.66	2.72	30	
1,1-Dichloroethane	1112	1.0	20	1323	-1060	70-135	1164	4.58	30	SEO
1,1-Dichloroethene	40.02	1.0	20	30.69	46.6	70-130	40.09	0.175	30	S
1,1-Dichloropropene	18.49	1.0	20	0	92.4	75-130	19.12	3.35	30	
1,2,3-Trichlorobenzene	17.36	1.0	20	0	86.8	55-140	17.56	1.15	30	
1,2,3-Trichloropropane	18.69	1.0	20	0	93.4	75-125	18.93	1.28	30	
1,2,4-Trichlorobenzene	18.35	1.0	20	0	91.8	65-135	18.63	1.51	30	
1,2,4-Trimethylbenzene	859	1.0	20	949.7	-453	75-130	885.4	3.03	30	SEO
1,2-Dibromo-3-chloropropane	20.1	1.0	20	0	100	50-130	19.26	4.27	30	
1,2-Dibromoethane	19.53	1.0	20	0	97.6	80-120	19.78	1.27	30	
1,2-Dichlorobenzene	20.51	1.0	20	2.13	91.9	70-120	21.09	2.79	30	
1,2-Dichloroethane	404.7	1.0	20	448.6	-220	70-130	415.1	2.53	30	SEO
1,2-Dichloropropane	1528	1.0	20	1680	-758	75-125	1564	2.31	30	SEO
1,3,5-Trimethylbenzene	324.6	1.0	20	342.5	-89.2	75-130	341.8	5.15	30	SEO
1,3-Dichlorobenzene	18.62	1.0	20	0	93.1	75-125	19.02	2.13	30	
1,3-Dichloropropane	17.8	1.0	20	0	89	75-125	18.19	2.17	30	
1,4-Dichlorobenzene	18.79	1.0	20	0	94	75-125	18.98	1.01	30	
2,2-Dichloropropane	20.88	1.0	20	0	104	70-135	21.92	4.86	30	
2-Butanone	61.02	5.0	20	0	305	30-150	51.4	17.1	30	S
2-Chlorotoluene	112.3	1.0	20	0	561	75-125	117.6	4.6	30	SE
2-Hexanone	21.65	5.0	20	0	108	55-130	21.17	2.24	30	
4-Chlorotoluene	49.55	1.0	20	0	248	75-135	51.88	4.59	30	S
4-Methyl-2-pentanone	ND	5.0	20	0	0	60-135	0	0	30	S
Acetone	92.04	20	20	104.7	-63.3	40-140	92.48	0.477	30	SO
Acrylonitrile	18.6	1.0	20	0	93	70-135	18.21	2.12	30	
Benzene	1769	1.0	20	1964	-975	80-120	1812	2.41	30	SEO
Bromobenzene	17.42	1.0	20	0	87.1	75-125	18.02	3.39	30	
Bromochloromethane	15.37	1.0	20	0	76.8	65-130	16.03	4.2	30	
Bromodichloromethane	19.74	1.0	20	0	98.7	75-120	19.66	0.406	30	
Bromoform	16.91	1.0	20	0	84.6	70-130	16.26	3.92	30	
Bromomethane	11.05	1.0	20	0	55.2	30-145	9.09	19.5	30	
Carbon disulfide	36.92	2.5	20	0	185	35-165	28.93	24.3	30	S
Carbon tetrachloride	18.66	1.0	20	0	93.3	65-140	19.16	2.64	30	
Chlorobenzene	59.63	1.0	20	43.04	83	80-120	61.35	2.84	30	
Chloroethane	274.1	1.0	20	576.4	-1510	60-135	291.4	6.11	30	SEO
Chloroform	21.65	1.0	20	0	108	65-135	22.37	3.27	30	
Chloromethane	14.01	1.0	20	0	70	70-125	13.67	2.46	30	
cis-1,2-Dichloroethene	1190	1.0	20	1457	-1340	70-125	1230	3.32	30	SEO
cis-1,3-Dichloropropene	19.58	1.0	20	0	97.9	70-130	19.64	0.306	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86488A** Instrument ID **VMS8** Method: **SW8260**

Dibromochloromethane	18.14	1.0	20	0	90.7	60-135	17.9	1.33	30	
Dibromomethane	19.59	1.0	20	0	98	75-125	19.72	0.661	30	
Dichlorodifluoromethane	16.37	1.0	20	0	81.8	30-155	17.39	6.04	30	
Ethylbenzene	1278	5.0	20	1393	-577	75-125	1320	3.19	30	SEO
Hexachlorobutadiene	21.91	100	20	0	110	50-140	21.55	0	30	J
Hexachloroethane	14.57	1.0	20	0	72.8	70-135	14.03	3.78	30	
Iodomethane	11.56	5.0	20	0	57.8	70-135	9.06	24.2	30	S
Isopropylbenzene	112.9	50	20	98.98	69.4	75-125	118.7	5.01	30	SEO
m,p-Xylene	3136	0	40	3445	-772	75-130	3218	2.57	30	SEO
Methyl tert-butyl ether	18.18	5.0	20	0	90.9	65-125	18.56	2.07	30	
Methylene chloride	29.79	5.0	20	17.42	61.8	55-140	30.99	3.95	30	
n-Butylbenzene	62.46	0	20	0	312	70-135	65.66	5	30	S
n-Propylbenzene	110.8	1.0	20	102.1	43.4	70-130	116.2	4.77	30	SEO
Naphthalene	731.4	5.0	20	788.4	-285	55-140	745.5	1.91	30	SEO
o-Xylene	1938	1.0	20	2132	-970	80-120	1989	2.55	30	SEO
p-Isopropyltoluene	773.1	5.0	20	809.1	-180	75-130	798.4	3.22	30	SEO
sec-Butylbenzene	31.53	1.0	20	15.36	80.8	70-125	33.46	5.94	30	
Styrene	99.94	2.0	20	0	500	65-135	103.6	3.55	30	S
tert-Butylbenzene	24.79	50	20	0	124	70-130	26.3	0	30	J
Tetrachloroethene	22.76	50	20	3.4	96.8	45-150	23.93	0	30	J
Tetrahydrofuran	25.37	1.0	20	10.63	73.7	70-135	25.23	0.553	30	
Toluene	4226	1.0	20	4642	-2080	75-120	4326	2.35	30	SEO
trans-1,2-Dichloroethene	76.06	1.0	20	48.92	136	60-140	87.23	13.7	30	
trans-1,3-Dichloropropene	21.23	20	20	0	106	55-140	21.19	0.189	30	
trans-1,4-Dichloro-2-butene	126.7	1.0	20	0	633	70-135	128.4	1.33	30	SE
Trichloroethene	23.37	1.0	20	4.64	93.6	70-125	24.1	3.08	30	
Trichlorofluoromethane	16.45	1.0	20	0	82.2	60-145	17.79	7.83	30	
Vinyl chloride	2637	1.0	20	2890	-1270	50-145	2717	3	30	SEO
Xylenes, Total	5075	1.0	60	5578	-838	75-130	5207	2.57	30	SEO
Surr: 1,2-Dichloroethane-d4	*88.36*	2.0	*100*	0	*88.4*	*70-120*	88.58	*0.249*	*30*	
Surr: 4-Bromofluorobenzene	*106.4*	2.0	*100*	0	*106*	*75-120*	107.2	*0.74*	*30*	
Surr: Dibromofluoromethane	*96.26*	3.0	*100*	0	*96.3*	*85-115*	96.29	*0.0312*	*30*	
Surr: Toluene-d8	*90.9*	0	*100*	0	*90.9*	*85-120*	90.26	*0.707*	*30*	

The following samples were analyzed in this batch:

1101524-01A	1101524-02A	1101524-03A
1101524-06A	1101524-08A	1101524-09A
1101524-10A	1101524-13A	1101524-14A
1101524-15A	1101524-16A	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86496** Instrument ID **VMS5** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110130-R86496** Units: **µg/L** Analysis Date: **1/30/2011 01:50 PM**

Client ID: Run ID: **VMS5_110130A** SeqNo: **1546551** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chloroethyl vinyl ether	ND	10								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrolein	ND	5.0								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86496** Instrument ID **VMS5** Method: **SW8260**

Chloroform	ND	1.0					
Chloromethane	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
n-Heptane	ND	5.0					
n-Propylbenzene	ND	1.0					
Naphthalene	ND	5.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
t-Butanol	ND	50					
t-Butyl ethyl ether	ND	1.0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tertiaryamylmethylether	ND	5.0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	2.0					
Surr: 1,2-Dichloroethane-d4	*96.17*	0	*100*	0	*96.2*	*70-120*	0
Surr: 4-Bromofluorobenzene	*92.3*	0	*100*	0	*92.3*	*75-120*	0
Surr: Dibromofluoromethane	*96.38*	0	*100*	0	*96.4*	*85-115*	0
Surr: Toluene-d8	*100.6*	0	*100*	0	*101*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86496** Instrument ID **VMS5** Method: **SW8260**

LCS Sample ID: **VLCSW1-100130-R86496** Units: **µg/L** Analysis Date: **1/30/2011 12:32 PM**

Client ID: Run ID: **VMS5_110130A** SeqNo: **1546514** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.04	1.0	20	0	100	80-130	0			
1,1,1-Trichloroethane	20.46	1.0	20	0	102	65-130	0			
1,1,2,2-Tetrachloroethane	18.62	1.0	20	0	93.1	65-130	0			
1,1,2-Trichloroethane	19.84	1.0	20	0	99.2	75-125	0			
1,1-Dichloroethane	22.12	1.0	20	0	111	70-135	0			
1,1-Dichloroethene	23.54	1.0	20	0	118	70-130	0			
1,1-Dichloropropene	22.79	1.0	20	0	114	75-130	0			
1,2,3-Trichlorobenzene	22.77	3.0	20	0	114	55-140	0			
1,2,3-Trichloropropane	18.37	1.0	20	0	91.8	75-125	0			
1,2,4-Trichlorobenzene	24.09	1.0	20	0	120	65-135	0			
1,2,4-Trimethylbenzene	19.16	1.0	20	0	95.8	75-130	0			
1,2-Dibromo-3-chloropropane	20.28	1.0	20	0	101	50-130	0			
1,2-Dibromoethane	20.31	1.0	20	0	102	80-120	0			
1,2-Dichlorobenzene	21.77	1.0	20	0	109	70-120	0			
1,2-Dichloroethane	18.83	1.0	20	0	94.2	70-130	0			
1,2-Dichloropropane	20.05	2.0	20	0	100	75-125	0			
1,3,5-Trimethylbenzene	19.3	1.0	20	0	96.5	75-130	0			
1,3-Dichlorobenzene	22.26	2.0	20	0	111	75-125	0			
1,3-Dichloropropane	19.94	1.0	20	0	99.7	75-125	0			
1,4-Dichlorobenzene	21.4	2.0	20	0	107	75-125	0			
2,2-Dichloropropane	25.36	1.0	20	0	127	70-135	0			
2-Butanone	17.61	5.0	20	0	88	30-150	0			
2-Chlorotoluene	21.66	2.0	20	0	108	75-125	0			
2-Hexanone	18.11	5.0	20	0	90.6	55-130	0			
4-Chlorotoluene	21.79	1.0	20	0	109	75-135	0			
4-Methyl-2-pentanone	18.16	5.0	20	0	90.8	60-135	0			
Acetone	18.75	20	20	0	93.8	40-140	0			J
Acrylonitrile	20.92	1.0	20	0	105	70-135	0			
Benzene	21	1.0	20	0	105	80-120	0			
Bromobenzene	19.78	1.0	20	0	98.9	75-125	0			
Bromochloromethane	21.81	1.0	20	0	109	65-130	0			
Bromodichloromethane	19.82	1.0	20	0	99.1	75-120	0			
Bromoform	19	1.0	20	0	95	70-130	0			
Bromomethane	24.91	1.0	20	0	125	30-145	0			
Carbon disulfide	31.51	2.5	20	0	158	35-165	0			
Carbon tetrachloride	20.56	1.0	20	0	103	65-140	0			
Chlorobenzene	20.45	1.0	20	0	102	80-120	0			
Chloroethane	16.26	1.0	20	0	81.3	60-135	0			
Chloroform	19.98	1.0	20	0	99.9	65-135	0			
Chloromethane	22.76	1.0	20	0	114	70-125	0			
cis-1,2-Dichloroethene	20.52	1.0	20	0	103	70-125	0			
cis-1,3-Dichloropropene	22.62	1.0	20	0	113	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86496** Instrument ID **VMS5** Method: **SW8260**

Dibromochloromethane	20	1.0	20	0	100	60-135	0
Dibromomethane	19.28	1.0	20	0	96.4	75-125	0
Dichlorodifluoromethane	24.85	1.0	20	0	124	30-155	0
Ethylbenzene	21.19	1.0	20	0	106	75-125	0
Hexachlorobutadiene	27.19	5.0	20	0	136	50-140	0
Hexachloroethane	19.9	1.0	20	0	99.5	70-135	0
Iodomethane	21.27	5.0	20	0	106	70-135	0
Isopropylbenzene	23.27	1.0	20	0	116	75-125	0
m,p-Xylene	42.93	2.0	40	0	107	75-130	0
Methyl tert-butyl ether	20.32	5.0	20	0	102	65-125	0
Methylene chloride	21.57	5.0	20	0	108	55-140	0
n-Propylbenzene	22.45	1.0	20	0	112	70-130	0
Naphthalene	20.47	5.0	20	0	102	55-140	0
o-Xylene	21.5	1.0	20	0	108	80-120	0
p-Isopropyltoluene	23.35	2.0	20	0	117	75-130	0
sec-Butylbenzene	20.63	2.0	20	0	103	70-125	0
Styrene	19.39	1.0	20	0	97	65-135	0
tert-Butylbenzene	22.55	2.0	20	0	113	70-130	0
Tetrachloroethene	22.31	2.0	20	0	112	45-150	0
Tetrahydrofuran	20.01	10	20	0	100	70-135	0
Toluene	20.33	1.0	20	0	102	75-120	0
trans-1,2-Dichloroethene	21.07	1.0	20	0	105	60-140	0
trans-1,3-Dichloropropene	23.75	1.0	20	0	119	55-140	0
trans-1,4-Dichloro-2-butene	18.61	5.0	20	0	93	70-135	0
Trichloroethene	21.6	1.0	20	0	108	70-125	0
Trichlorofluoromethane	15.59	1.0	20	0	78	60-145	0
Vinyl chloride	24.06	1.0	20	0	120	50-145	0
Xylenes, Total	64.43	2.0	60	0	107	75-130	0
Surr: 1,2-Dichloroethane-d4	*92.43*	0	*100*	0	*92.4*	*70-120*	0
Surr: 4-Bromofluorobenzene	*100.3*	0	*100*	0	*100*	*75-120*	0
Surr: Dibromofluoromethane	*96.7*	0	*100*	0	*96.7*	*85-115*	0
Surr: Toluene-d8	*99.24*	0	*100*	0	*99.2*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86496** Instrument ID **VMS5** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-100130-R86496** Units: **µg/L** Analysis Date: **1/30/2011 12:58 PM**

Client ID: Run ID: **VMS5_110130A** SeqNo: **1546516** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	19.18	1.0	20	0	95.9	80-130	20.04	4.39	30	
1,1,1-Trichloroethane	19.31	1.0	20	0	96.6	65-130	20.46	5.78	30	
1,1,2,2-Tetrachloroethane	18.78	1.0	20	0	93.9	65-130	18.62	0.856	30	
1,1,2-Trichloroethane	19.76	1.0	20	0	98.8	75-125	19.84	0.404	30	
1,1-Dichloroethane	21.64	1.0	20	0	108	70-135	22.12	2.19	30	
1,1-Dichloroethene	22.32	1.0	20	0	112	70-130	23.54	5.32	30	
1,1-Dichloropropene	21.22	1.0	20	0	106	75-130	22.79	7.13	30	
1,2,3-Trichlorobenzene	20.8	3.0	20	0	104	55-140	22.77	9.04	30	
1,2,3-Trichloropropane	18.71	1.0	20	0	93.6	75-125	18.37	1.83	30	
1,2,4-Trichlorobenzene	21.65	1.0	20	0	108	65-135	24.09	10.7	30	
1,2,4-Trimethylbenzene	18.31	1.0	20	0	91.6	75-130	19.16	4.54	30	
1,2-Dibromo-3-chloropropane	20.65	1.0	20	0	103	50-130	20.28	1.81	30	
1,2-Dibromoethane	20.52	1.0	20	0	103	80-120	20.31	1.03	30	
1,2-Dichlorobenzene	20.52	1.0	20	0	103	70-120	21.77	5.91	30	
1,2-Dichloroethane	18.5	1.0	20	0	92.5	70-130	18.83	1.77	30	
1,2-Dichloropropane	19.8	2.0	20	0	99	75-125	20.05	1.25	30	
1,3,5-Trimethylbenzene	18.52	1.0	20	0	92.6	75-130	19.3	4.12	30	
1,3-Dichlorobenzene	21.24	2.0	20	0	106	75-125	22.26	4.69	30	
1,3-Dichloropropane	19.88	1.0	20	0	99.4	75-125	19.94	0.301	30	
1,4-Dichlorobenzene	20.41	2.0	20	0	102	75-125	21.4	4.74	30	
2,2-Dichloropropane	24.27	1.0	20	0	121	70-135	25.36	4.39	30	
2-Butanone	18.38	5.0	20	0	91.9	30-150	17.61	4.28	30	
2-Chlorotoluene	20.18	2.0	20	0	101	75-125	21.66	7.07	30	
2-Hexanone	18.76	5.0	20	0	93.8	55-130	18.11	3.53	30	
4-Chlorotoluene	21.14	1.0	20	0	106	75-135	21.79	3.03	30	
4-Methyl-2-pentanone	18.63	5.0	20	0	93.2	60-135	18.16	2.56	30	
Acetone	19.58	20	20	0	97.9	40-140	18.75	0	30	J
Acrylonitrile	21.38	1.0	20	0	107	70-135	20.92	2.17	30	
Benzene	20.21	1.0	20	0	101	80-120	21	3.83	30	
Bromobenzene	19.53	1.0	20	0	97.6	75-125	19.78	1.27	30	
Bromochloromethane	21.79	1.0	20	0	109	65-130	21.81	0.0917	30	
Bromodichloromethane	19.49	1.0	20	0	97.4	75-120	19.82	1.68	30	
Bromoform	18.64	1.0	20	0	93.2	70-130	19	1.91	30	
Bromomethane	22.55	1.0	20	0	113	30-145	24.91	9.95	30	
Carbon disulfide	29.7	2.5	20	0	148	35-165	31.51	5.91	30	
Carbon tetrachloride	19.45	1.0	20	0	97.2	65-140	20.56	5.55	30	
Chlorobenzene	20.02	1.0	20	0	100	80-120	20.45	2.13	30	
Chloroethane	14.21	1.0	20	0	71	60-135	16.26	13.5	30	
Chloroform	19.73	1.0	20	0	98.6	65-135	19.98	1.26	30	
Chloromethane	21.27	1.0	20	0	106	70-125	22.76	6.77	30	
cis-1,2-Dichloroethene	19.87	1.0	20	0	99.4	70-125	20.52	3.22	30	
cis-1,3-Dichloropropene	22.26	1.0	20	0	111	70-130	22.62	1.6	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86496** Instrument ID **VMS5** Method: **SW8260**

Dibromochloromethane	19.97	1.0	20	0	99.8	60-135	20	0.15	30
Dibromomethane	19.28	1.0	20	0	96.4	75-125	19.28	0	30
Dichlorodifluoromethane	22.97	1.0	20	0	115	30-155	24.85	7.86	30
Ethylbenzene	20.46	1.0	20	0	102	75-125	21.19	3.51	30
Hexachlorobutadiene	23.78	5.0	20	0	119	50-140	27.19	13.4	30
Hexachloroethane	18.06	1.0	20	0	90.3	70-135	19.9	9.69	30
Iodomethane	21.16	5.0	20	0	106	70-135	21.27	0.519	30
Isopropylbenzene	21.79	1.0	20	0	109	75-125	23.27	6.57	30
m,p-Xylene	41.41	2.0	40	0	104	75-130	42.93	3.6	30
Methyl tert-butyl ether	20.44	5.0	20	0	102	65-125	20.32	0.589	30
Methylene chloride	20.92	5.0	20	0	105	55-140	21.57	3.06	30
n-Propylbenzene	21.1	1.0	20	0	106	70-130	22.45	6.2	30
Naphthalene	19.39	5.0	20	0	97	55-140	20.47	5.42	30
o-Xylene	20.91	1.0	20	0	105	80-120	21.5	2.78	30
p-Isopropyltoluene	21.37	2.0	20	0	107	75-130	23.35	8.86	30
sec-Butylbenzene	19.22	2.0	20	0	96.1	70-125	20.63	7.08	30
Styrene	18.83	1.0	20	0	94.2	65-135	19.39	2.93	30
tert-Butylbenzene	20.82	2.0	20	0	104	70-130	22.55	7.98	30
Tetrachloroethene	21.2	2.0	20	0	106	45-150	22.31	5.1	30
Tetrahydrofuran	20.79	10	20	0	104	70-135	20.01	3.82	30
Toluene	19.74	1.0	20	0	98.7	75-120	20.33	2.94	30
trans-1,2-Dichloroethene	20.8	1.0	20	0	104	60-140	21.07	1.29	30
trans-1,3-Dichloropropene	23.51	1.0	20	0	118	55-140	23.75	1.02	30
trans-1,4-Dichloro-2-butene	18.41	5.0	20	0	92	70-135	18.61	1.08	30
Trichloroethene	20.57	1.0	20	0	103	70-125	21.6	4.88	30
Trichlorofluoromethane	14.22	1.0	20	0	71.1	60-145	15.59	9.19	30
Vinyl chloride	22.25	1.0	20	0	111	50-145	24.06	7.82	30
Xylenes, Total	62.32	2.0	60	0	104	75-130	64.43	3.33	30
Surr: 1,2-Dichloroethane-d4	*90.99*	0	*100*	0	*91*	*70-120*	92.43	*1.57*	*30*
Surr: 4-Bromofluorobenzene	*100.4*	0	*100*	0	*100*	*75-120*	100.3	*0.12*	*30*
Surr: Dibromofluoromethane	*94.96*	0	*100*	0	*95*	*85-115*	96.7	*1.82*	*30*
Surr: Toluene-d8	*99.32*	0	*100*	0	*99.3*	*85-120*	99.24	*0.0806*	*30*

The following samples were analyzed in this batch: 1101524-01A 1101524-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86497** Instrument ID **VMS7** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110130-R86497** Units: **µg/L** Analysis Date: **1/30/2011 04:25 PM**
Client ID: Run ID: **VMS7_110130A** SeqNo: **1546656** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
n-Butylbenzene	ND	1.0								
n-Propylbenzene	ND	1.0								
Surr: 1,2-Dichloroethane-d4	*95.59*	0	*100*	0	*95.6*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*101.3*	0	*100*	0	*101*	*75-120*	0			
Surr: Dibromofluoromethane	*96.65*	0	*100*	0	*96.6*	*85-115*	0			
Surr: Toluene-d8	*106*	0	*100*	0	*106*	*85-120*	0			

LCS Sample ID: **VLCSW1-110130-R86497** Units: **µg/L** Analysis Date: **1/30/2011 03:05 PM**
Client ID: Run ID: **VMS7_110130A** SeqNo: **1546536** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
n-Butylbenzene	22.05	1.0	20	0	110	70-135	0			
n-Propylbenzene	20.63	1.0	20	0	103	70-130	0			
Surr: 1,2-Dichloroethane-d4	*96.3*	0	*100*	0	*96.3*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*98.67*	0	*100*	0	*98.7*	*75-120*	0			
Surr: Dibromofluoromethane	*98.96*	0	*100*	0	*99*	*85-115*	0			
Surr: Toluene-d8	*103.3*	0	*100*	0	*103*	*85-120*	0			

LCSD Sample ID: **VLCSDW1-110130-R86497** Units: **µg/L** Analysis Date: **1/30/2011 03:32 PM**
Client ID: Run ID: **VMS7_110130A** SeqNo: **1546537** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
n-Butylbenzene	19.86	1.0	20	0	99.3	70-135	22.05	10.5	30	
n-Propylbenzene	19.2	1.0	20	0	96	70-130	20.63	7.18	30	
Surr: 1,2-Dichloroethane-d4	*97.39*	0	*100*	0	*97.4*	*70-120*	96.3	*1.13*	*30*	
Surr: 4-Bromofluorobenzene	*98.84*	0	*100*	0	*98.8*	*75-120*	98.67	*0.172*	*30*	
Surr: Dibromofluoromethane	*99.87*	0	*100*	0	*99.9*	*85-115*	98.96	*0.915*	*30*	
Surr: Toluene-d8	*102.8*	0	*100*	0	*103*	*85-120*	103.3	*0.475*	*30*	

MS Sample ID: **1101661-03A MS** Units: **µg/L** Analysis Date: **1/31/2011 01:12 AM**
Client ID: Run ID: **VMS7_110130A** SeqNo: **1546670** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
n-Butylbenzene	20.47	1.0	20	0	102	70-135	0			
n-Propylbenzene	20.3	1.0	20	0	102	70-130	0			
Surr: 1,2-Dichloroethane-d4	*95.94*	0	*100*	0	*95.9*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*100.9*	0	*100*	0	*101*	*75-120*	0			
Surr: Dibromofluoromethane	*99.78*	0	*100*	0	*99.8*	*85-115*	0			
Surr: Toluene-d8	*104*	0	*100*	0	*104*	*85-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86497** Instrument ID **VMS7** Method: **SW8260**

MSD Sample ID: **1101661-03A MSD** Units: **µg/L** Analysis Date: **1/31/2011 01:38 AM**

Client ID: Run ID: **VMS7_110130A** SeqNo: **1546671** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
n-Butylbenzene	20.48	1.0	20	0	102	70-135	20.47	0.0488	30	
n-Propylbenzene	20.4	1.0	20	0	102	70-130	20.3	0.491	30	
Surr: 1,2-Dichloroethane-d4	*94.8*	0	*100*	0	*94.8*	*70-120*	95.94	*1.2*	*30*	
Surr: 4-Bromofluorobenzene	*102.5*	0	*100*	0	*103*	*75-120*	100.9	*1.64*	*30*	
Surr: Dibromofluoromethane	*99.82*	0	*100*	0	*99.8*	*85-115*	99.78	*0.0401*	*30*	
Surr: Toluene-d8	*103.6*	0	*100*	0	*104*	*85-120*	104	*0.366*	*30*	

The following samples were analyzed in this batch: 1101524-01A 1101524-02A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86510** Instrument ID **VMS8** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110131-R86510** Units: **µg/L** Analysis Date: **1/31/2011 11:44 AM**

Client ID: Run ID: **VMS8_110131A** SeqNo: **1547082** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethane	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
2-Butanone	ND	5.0								
2-Methylnaphthalene	ND	10								
Acetone	1.13	20								J
Benzene	ND	1.0								
Chloroethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								
Ethylbenzene	ND	1.0								
Isopropylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
Methylene chloride	ND	5.0								
n-Propylbenzene	ND	1.0								
Naphthalene	0.64	5.0								J
o-Xylene	ND	1.0								
p-Isopropyltoluene	ND	2.0								
Toluene	ND	1.0								
Trichloroethene	ND	1.0								
Vinyl chloride	ND	1.0								
1,2-Dichloroethene, Total	ND	2.0								
Xylenes, Total	ND	2.0								
Surr: 1,2-Dichloroethane-d4	*101.3*	0	*100*	0	*101*	*70-120*		0		
Surr: 4-Bromofluorobenzene	*98.2*	0	*100*	0	*98.2*	*75-120*		0		
Surr: Dibromofluoromethane	*101.3*	0	*100*	0	*101*	*85-115*		0		
Surr: Toluene-d8	*98.9*	0	*100*	0	*98.9*	*85-120*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86510** Instrument ID **VMS8** Method: **SW8260**

LCS Sample ID: **VLCSW1-110131-R86510** Units: **µg/L** Analysis Date: **1/31/2011 10:27 AM**

Client ID: Run ID: **VMS8_110131A** SeqNo: **1546848** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethane	19.67	1.0	20	0	98.4	70-135	0			
1,2,4-Trimethylbenzene	20.56	1.0	20	0	103	75-130	0			
1,2-Dichloroethane	20.91	1.0	20	0	105	70-130	0			
1,2-Dichloropropane	21.28	2.0	20	0	106	75-125	0			
1,3,5-Trimethylbenzene	20.45	1.0	20	0	102	75-130	0			
2-Butanone	11.92	5.0	20	0	59.6	30-150	0			
Acetone	22.16	20	20	0	111	40-140	0			
Benzene	21.14	1.0	20	0	106	80-120	0			
Chloroethane	20.99	1.0	20	0	105	60-135	0			
cis-1,2-Dichloroethene	20.79	1.0	20	0	104	70-125	0			
Ethylbenzene	21.3	1.0	20	0	106	75-125	0			
Isopropylbenzene	25.25	1.0	20	0	126	75-125	0			S
m,p-Xylene	42.15	2.0	40	0	105	75-130	0			
Methylene chloride	21.96	5.0	20	0	110	55-140	0			
n-Propylbenzene	21.98	1.0	20	0	110	70-130	0			
Naphthalene	20.26	5.0	20	0	101	55-140	0			
o-Xylene	21.52	1.0	20	0	108	80-120	0			
p-Isopropyltoluene	23.47	2.0	20	0	117	75-130	0			
Toluene	20.29	1.0	20	0	101	75-120	0			
Trichloroethene	21.57	1.0	20	0	108	70-125	0			
Vinyl chloride	22.17	1.0	20	0	111	50-145	0			
Xylenes, Total	63.67	2.0	60	0	106	75-130	0			
Surr: 1,2-Dichloroethane-d4	*100.7*	0	*100*	0	*101*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*99.45*	0	*100*	0	*99.4*	*75-120*	0			
Surr: Dibromofluoromethane	*102.1*	0	*100*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*100.1*	0	*100*	0	*100*	*85-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86510** Instrument ID **VMS8** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110131-R86510** Units: **µg/L** Analysis Date: **1/31/2011 10:52 AM**

Client ID: Run ID: **VMS8_110131A** SeqNo: **1546937** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethane	20.69	1.0	20	0	103	70-135	19.67	5.05	30	
1,2,4-Trimethylbenzene	19.69	1.0	20	0	98.4	75-130	20.56	4.32	30	
1,2-Dichloroethane	20.43	1.0	20	0	102	70-130	20.91	2.32	30	
1,2-Dichloropropane	20.46	2.0	20	0	102	75-125	21.28	3.93	30	
1,3,5-Trimethylbenzene	19.7	1.0	20	0	98.5	75-130	20.45	3.74	30	
2-Butanone	12.2	5.0	20	0	61	30-150	11.92	2.32	30	
Acetone	21.42	20	20	0	107	40-140	22.16	3.4	30	
Benzene	20.16	1.0	20	0	101	80-120	21.14	4.75	30	
Chloroethane	19.21	1.0	20	0	96	60-135	20.99	8.86	30	
cis-1,2-Dichloroethene	19.76	1.0	20	0	98.8	70-125	20.79	5.08	30	
Ethylbenzene	20.59	1.0	20	0	103	75-125	21.3	3.39	30	
Isopropylbenzene	24.24	1.0	20	0	121	75-125	25.25	4.08	30	
m,p-Xylene	40.44	2.0	40	0	101	75-130	42.15	4.14	30	
Methylene chloride	20.62	5.0	20	0	103	55-140	21.96	6.29	30	
n-Propylbenzene	20.97	1.0	20	0	105	70-130	21.98	4.7	30	
Naphthalene	18.88	5.0	20	0	94.4	55-140	20.26	7.05	30	
o-Xylene	20.68	1.0	20	0	103	80-120	21.52	3.98	30	
p-Isopropyltoluene	21.99	2.0	20	0	110	75-130	23.47	6.51	30	
Toluene	19.35	1.0	20	0	96.8	75-120	20.29	4.74	30	
Trichloroethene	20.52	1.0	20	0	103	70-125	21.57	4.99	30	
Vinyl chloride	20.29	1.0	20	0	101	50-145	22.17	8.86	30	
Xylenes, Total	61.12	2.0	60	0	102	75-130	63.67	4.09	30	
Surr: 1,2-Dichloroethane-d4	*100.8*	0	*100*	0	*101*	*70-120*	100.7	*0.0397*	*30*	
Surr: 4-Bromofluorobenzene	*100.4*	0	*100*	0	*100*	*75-120*	99.45	*0.901*	*30*	
Surr: Dibromofluoromethane	*103.3*	0	*100*	0	*103*	*85-115*	102.1	*1.09*	*30*	
Surr: Toluene-d8	*100*	0	*100*	0	*100*	*85-120*	100.1	*0.13*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86510** Instrument ID **VMS8** Method: **SW8260**

MS Sample ID: **1101597-07A MS** Units: **µg/Kg** Analysis Date: **1/31/2011 08:37 PM**

Client ID: Run ID: **VMS8_110131A** SeqNo: **1547971** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethane	2076	100	2000	0	104	75-125		0		
1,2,4-Trimethylbenzene	1955	100	2000	0	97.8	65-135		0		
1,2-Dichloroethane	2042	100	2000	0	102	70-135		0		
1,2-Dichloropropane	2030	350	2000	0	102	70-120		0		
1,3,5-Trimethylbenzene	1935	100	2000	0	96.8	65-135		0		
2-Butanone	1749	750	2000	0	87.4	30-160		0		
Acetone	2144	450	2000	90	103	20-160		0		
Benzene	2017	100	2000	0	101	75-125		0		
Chloroethane	1852	300	2000	0	92.6	40-155		0		
cis-1,2-Dichloroethene	1967	200	2000	0	98.4	65-125		0		
Ethylbenzene	2028	200	2000	0	101	75-125		0		
Isopropylbenzene	2391	100	2000	0	120	75-130		0		
m,p-Xylene	4005	200	4000	0	100	80-125		0		
Methylene chloride	2025	200	2000	0	101	55-145		0		
n-Propylbenzene	2056	200	2000	0	103	65-135		0		
Naphthalene	1813	200	2000	0	90.6	40-140		0		
o-Xylene	2059	100	2000	0	103	75-125		0		
p-Isopropyltoluene	2178	950	2000	0	109	75-135		0		
Toluene	1908	150	2000	0	95.4	70-125		0		
Trichloroethene	2004	100	2000	0	100	75-125		0		
Vinyl chloride	2010	200	2000	0	100	60-125		0		
Xylenes, Total	6064	300	6000	0	101	75-125		0		
Surr: 1,2-Dichloroethane-d4	*10250*	0	*10000*	0	*102*	*70-120*		0		
Surr: 4-Bromofluorobenzene	*9983*	0	*10000*	0	*99.8*	*75-120*		0		
Surr: Dibromofluoromethane	*10030*	0	*10000*	0	*100*	*85-115*		0		
Surr: Toluene-d8	*9950*	0	*10000*	0	*99.5*	*85-115*		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86510** Instrument ID **VMS8** Method: **SW8260**

MSD Sample ID: **1101597-07A MSD** Units: **µg/Kg** Analysis Date: **1/31/2011 09:03 PM**

Client ID: Run ID: **VMS8_110131A** SeqNo: **1547972** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1-Dichloroethane	2009	100	2000	0	100	75-125	2076	3.28	30	
1,2,4-Trimethylbenzene	1935	100	2000	0	96.8	65-135	1955	1.03	30	
1,2-Dichloroethane	2034	100	2000	0	102	70-135	2042	0.393	30	
1,2-Dichloropropane	2001	350	2000	0	100	70-120	2030	1.44	30	
1,3,5-Trimethylbenzene	1877	100	2000	0	93.8	65-135	1935	3.04	30	
2-Butanone	1774	750	2000	0	88.7	30-160	1749	1.42	30	
Acetone	2189	450	2000	90	105	20-160	2144	2.08	30	
Benzene	1969	100	2000	0	98.4	75-125	2017	2.41	30	
Chloroethane	1775	300	2000	0	88.8	40-155	1852	4.25	30	
cis-1,2-Dichloroethene	1917	200	2000	0	95.8	65-125	1967	2.57	30	
Ethylbenzene	1958	200	2000	0	97.9	75-125	2028	3.51	30	
Isopropylbenzene	2306	100	2000	0	115	75-130	2391	3.62	30	
m,p-Xylene	3871	200	4000	0	96.8	80-125	4005	3.4	30	
Methylene chloride	1986	200	2000	0	99.3	55-145	2025	1.94	30	
n-Propylbenzene	1977	200	2000	0	98.8	65-135	2056	3.92	30	
Naphthalene	1953	200	2000	0	97.6	40-140	1813	7.43	30	
o-Xylene	1992	100	2000	0	99.6	75-125	2059	3.31	30	
p-Isopropyltoluene	2083	950	2000	0	104	75-135	2178	4.46	30	
Toluene	1867	150	2000	0	93.4	70-125	1908	2.17	30	
Trichloroethene	1931	100	2000	0	96.6	75-125	2004	3.71	30	
Vinyl chloride	1856	200	2000	0	92.8	60-125	2010	7.97	30	
Xylenes, Total	5863	300	6000	0	97.7	75-125	6064	3.37	30	
Surr: 1,2-Dichloroethane-d4	*10180*	0	*10000*	0	*102*	*70-120*	10250	*0.607*	*30*	
Surr: 4-Bromofluorobenzene	*10090*	0	*10000*	0	*101*	*75-120*	9983	*1.05*	*30*	
Surr: Dibromofluoromethane	*10160*	0	*10000*	0	*102*	*85-115*	10030	*1.31*	*30*	
Surr: Toluene-d8	*10040*	0	*10000*	0	*100*	*85-115*	9950	*0.94*	*30*	

The following samples were analyzed in this batch:

1101524-03A	1101524-04A	1101524-06A
1101524-08A	1101524-09A	1101524-10A
1101524-11A		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86520A** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110130-R86520A** Units: **µg/L** Analysis Date: **1/31/2011 12:44 PM**
Client ID: Run ID: **VMS6_110131A** SeqNo: **1547285** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	ND	1.0								
Ethylbenzene	ND	1.0								
m,p-Xylene	ND	2.0								
o-Xylene	ND	1.0								
Toluene	ND	1.0								
Xylenes, Total	ND	2.0								
Surr: 1,2-Dichloroethane-d4	*101*	0	*100*	0	*101*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*99.47*	0	*100*	0	*99.5*	*75-120*	0			
Surr: Dibromofluoromethane	*101.1*	0	*100*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*98.66*	0	*100*	0	*98.7*	*85-120*	0			

LCS Sample ID: **VLCSW1-110131-R86520A** Units: **µg/L** Analysis Date: **1/31/2011 11:28 AM**
Client ID: Run ID: **VMS6_110131A** SeqNo: **1547072** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	22.52	1.0	20	0	113	75-130	0			
Ethylbenzene	21.85	1.0	20	0	109	75-125	0			
m,p-Xylene	43.84	2.0	40	0	110	75-130	0			
o-Xylene	21.81	1.0	20	0	109	80-120	0			
Toluene	21.03	1.0	20	0	105	75-120	0			
Xylenes, Total	65.65	2.0	60	0	109	75-130	0			
Surr: 1,2-Dichloroethane-d4	*100.7*	0	*100*	0	*101*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*99.66*	0	*100*	0	*99.7*	*75-120*	0			
Surr: Dibromofluoromethane	*101.9*	0	*100*	0	*102*	*85-115*	0			
Surr: Toluene-d8	*99.3*	0	*100*	0	*99.3*	*85-120*	0			

LCSD Sample ID: **VLCSDW1-110131-R86520A** Units: **µg/L** Analysis Date: **1/31/2011 11:53 AM**
Client ID: Run ID: **VMS6_110131A** SeqNo: **1547073** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	21.85	1.0	20	0	109	75-130	22.52	3.02	30	
Ethylbenzene	21.95	1.0	20	0	110	75-125	21.85	0.457	30	
m,p-Xylene	44.05	2.0	40	0	110	75-130	43.84	0.478	30	
o-Xylene	22	1.0	20	0	110	80-120	21.81	0.867	30	
Toluene	21.42	1.0	20	0	107	75-120	21.03	1.84	30	
Xylenes, Total	66.05	2.0	60	0	110	75-130	65.65	0.607	30	
Surr: 1,2-Dichloroethane-d4	*99.48*	0	*100*	0	*99.5*	*70-120*	100.7	*1.21*	*30*	
Surr: 4-Bromofluorobenzene	*101.8*	0	*100*	0	*102*	*75-120*	99.66	*2.13*	*30*	
Surr: Dibromofluoromethane	*100.2*	0	*100*	0	*100*	*85-115*	101.9	*1.7*	*30*	
Surr: Toluene-d8	*99.26*	0	*100*	0	*99.3*	*85-120*	99.3	*0.0403*	*30*	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86520A** Instrument ID **VMS6** Method: **SW8260**

MS Sample ID: **1101635-02A MS** Units: **µg/L** Analysis Date: **1/31/2011 09:39 PM**

Client ID: Run ID: **VMS6_110131A** SeqNo: **1547960** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	21.21	1.0	20	0	106	75-130	0			
Ethylbenzene	21.97	1.0	20	0	110	75-125	0			
m,p-Xylene	43.96	2.0	40	0	110	75-130	0			
o-Xylene	21.7	1.0	20	0	108	80-120	0			
Toluene	21.34	1.0	20	0	107	75-120	0			
Xylenes, Total	65.66	2.0	60	0	109	75-130	0			
Surr: 1,2-Dichloroethane-d4	*100.9*	0	*100*	0	*101*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*100.6*	0	*100*	0	*101*	*75-120*	0			
Surr: Dibromofluoromethane	*100.5*	0	*100*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*99.19*	0	*100*	0	*99.2*	*85-120*	0			

MSD Sample ID: **1101635-02A MSD** Units: **µg/L** Analysis Date: **1/31/2011 10:05 PM**

Client ID: Run ID: **VMS6_110131A** SeqNo: **1547961** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	21.82	1.0	20	0	109	75-130	21.21	2.84	30	
Ethylbenzene	22.32	1.0	20	0	112	75-125	21.97	1.58	30	
m,p-Xylene	44.84	2.0	40	0	112	75-130	43.96	1.98	30	
o-Xylene	22.07	1.0	20	0	110	80-120	21.7	1.69	30	
Toluene	21.73	1.0	20	0	109	75-120	21.34	1.81	30	
Xylenes, Total	66.91	2.0	60	0	112	75-130	65.66	1.89	30	
Surr: 1,2-Dichloroethane-d4	*100*	0	*100*	0	*100*	*70-120*	100.9	*0.926*	*30*	
Surr: 4-Bromofluorobenzene	*101.4*	0	*100*	0	*101*	*75-120*	100.6	*0.822*	*30*	
Surr: Dibromofluoromethane	*100*	0	*100*	0	*100*	*85-115*	100.5	*0.469*	*30*	
Surr: Toluene-d8	*99.52*	0	*100*	0	*99.5*	*85-120*	99.19	*0.332*	*30*	

The following samples were analyzed in this batch: 1101524-06A 1101524-08A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86561** Instrument ID **VMS8** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110201-R86561** Units: **µg/L** Analysis Date: **2/1/2011 11:02 AM**
Client ID: Run ID: **VMS8_110201A** SeqNo: **1548333** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Toluene	ND	1.0								
Surr: 1,2-Dichloroethane-d4	*99.4*	0	*100*	0	*99.4*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*98.96*	0	*100*	0	*99*	*75-120*	0			
Surr: Dibromofluoromethane	*100.7*	0	*100*	0	*101*	*85-115*	0			
Surr: Toluene-d8	*99.7*	0	*100*	0	*99.7*	*85-120*	0			

LCS Sample ID: **VLCSW1-110201-R86561** Units: **µg/L** Analysis Date: **2/1/2011 09:45 AM**
Client ID: Run ID: **VMS8_110201A** SeqNo: **1547999** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Toluene	19.54	1.0	20	0	97.7	75-120	0			
Surr: 1,2-Dichloroethane-d4	*98.92*	0	*100*	0	*98.9*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*100.5*	0	*100*	0	*101*	*75-120*	0			
Surr: Dibromofluoromethane	*103*	0	*100*	0	*103*	*85-115*	0			
Surr: Toluene-d8	*99.83*	0	*100*	0	*99.8*	*85-120*	0			

LCSD Sample ID: **VLCSDW1-110201-R86561** Units: **µg/L** Analysis Date: **2/1/2011 10:11 AM**
Client ID: Run ID: **VMS8_110201A** SeqNo: **1548111** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Toluene	18.34	1.0	20	0	91.7	75-120	19.54	6.34	30	
Surr: 1,2-Dichloroethane-d4	*99.68*	0	*100*	0	*99.7*	*70-120*	98.92	*0.765*	*30*	
Surr: 4-Bromofluorobenzene	*100.1*	0	*100*	0	*100*	*75-120*	100.5	*0.459*	*30*	
Surr: Dibromofluoromethane	*103.5*	0	*100*	0	*103*	*85-115*	103	*0.523*	*30*	
Surr: Toluene-d8	*99.79*	0	*100*	0	*99.8*	*85-120*	99.83	*0.0401*	*30*	

MS Sample ID: **1101689-04B MS** Units: **µg/Kg** Analysis Date: **2/1/2011 08:03 PM**
Client ID: Run ID: **VMS8_110201A** SeqNo: **1548809** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Toluene	1887	150	2000	0	94.4	70-125	0			
Surr: 1,2-Dichloroethane-d4	*9926*	0	*10000*	0	*99.3*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*9952*	0	*10000*	0	*99.5*	*75-120*	0			
Surr: Dibromofluoromethane	*9999*	0	*10000*	0	*100*	*85-115*	0			
Surr: Toluene-d8	*10030*	0	*10000*	0	*100*	*85-115*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86561** Instrument ID **VMS8** Method: **SW8260**

MSD Sample ID: **1101689-04B MSD** Units: **µg/Kg** Analysis Date: **2/1/2011 08:29 PM**
Client ID: Run ID: **VMS8_110201A** SeqNo: **1548810** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Toluene	1872	150	2000	0	93.6	70-125	1887	0.798	30	
Surr: 1,2-Dichloroethane-d4	*9889*	0	*10000*	0	*98.9*	*70-120*	9926	*0.373*	*30*	
Surr: 4-Bromofluorobenzene	*10100*	0	*10000*	0	*101*	*75-120*	9952	*1.5*	*30*	
Surr: Dibromofluoromethane	*10060*	0	*10000*	0	*101*	*85-115*	9999	*0.648*	*30*	
Surr: Toluene-d8	*10040*	0	*10000*	0	*100*	*85-115*	10030	*0.0997*	*30*	

The following samples were analyzed in this batch: 1101524-09A 1101524-10A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110201-R86586** Units: **µg/L** Analysis Date: **2/1/2011 12:45 PM**

Client ID: Run ID: **VMS7_110201A** SeqNo: **1548600** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chloroethyl vinyl ether	ND	10								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrolein	ND	5.0								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

Chloroform	ND	1.0					
Chloromethane	ND	1.0					
cis-1,2-Dichloroethene	ND	1.0					
cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
n-Butylbenzene	ND	1.0					
n-Heptane	ND	5.0					
n-Propylbenzene	ND	1.0					
Naphthalene	ND	5.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
t-Butanol	ND	50					
t-Butyl ethyl ether	ND	1.0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tertiaryamylmethylether	ND	5.0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	2.0					
Surr: 1,2-Dichloroethane-d4	*102.7*	0	*100*	0	*103*	*70-120*	0
Surr: 4-Bromofluorobenzene	*99.66*	0	*100*	0	*99.7*	*75-120*	0
Surr: Dibromofluoromethane	*99.53*	0	*100*	0	*99.5*	*85-115*	0
Surr: Toluene-d8	*101.7*	0	*100*	0	*102*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

LCS Sample ID: **VLCSW1-110201-R86586** Units: **µg/L** Analysis Date: **2/1/2011 11:26 AM**
Client ID: Run ID: **VMS7_110201A** SeqNo: **1548316** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	19.63	1.0	20	0	98.2	80-130		0		
1,1,1-Trichloroethane	19.77	1.0	20	0	98.8	65-130		0		
1,1,2,2-Tetrachloroethane	18.29	1.0	20	0	91.4	65-130		0		
1,1,2-Trichloroethane	18.93	1.0	20	0	94.6	75-125		0		
1,1-Dichloroethane	19.94	1.0	20	0	99.7	70-135		0		
1,1-Dichloroethene	20.96	1.0	20	0	105	70-130		0		
1,1-Dichloropropene	20.79	1.0	20	0	104	75-130		0		
1,2,3-Trichlorobenzene	20.73	3.0	20	0	104	55-140		0		
1,2,3-Trichloropropane	18.83	1.0	20	0	94.2	75-125		0		
1,2,4-Trichlorobenzene	21.16	1.0	20	0	106	65-135		0		
1,2,4-Trimethylbenzene	19.4	1.0	20	0	97	75-130		0		
1,2-Dibromo-3-chloropropane	18.22	1.0	20	0	91.1	50-130		0		
1,2-Dibromoethane	19	1.0	20	0	95	80-120		0		
1,2-Dichlorobenzene	19.75	1.0	20	0	98.8	70-120		0		
1,2-Dichloroethane	19.76	1.0	20	0	98.8	70-130		0		
1,2-Dichloropropane	19.67	2.0	20	0	98.4	75-125		0		
1,3,5-Trimethylbenzene	19.25	1.0	20	0	96.2	75-130		0		
1,3-Dichlorobenzene	19.58	2.0	20	0	97.9	75-125		0		
1,3-Dichloropropane	19.02	1.0	20	0	95.1	75-125		0		
1,4-Dichlorobenzene	19.73	2.0	20	0	98.6	75-125		0		
2,2-Dichloropropane	22.12	1.0	20	0	111	70-135		0		
2-Butanone	12.99	5.0	20	0	65	30-150		0		
2-Chlorotoluene	19.06	2.0	20	0	95.3	75-125		0		
2-Hexanone	17.51	5.0	20	0	87.6	55-130		0		
4-Chlorotoluene	19.53	1.0	20	0	97.6	75-135		0		
4-Methyl-2-pentanone	17.52	5.0	20	0	87.6	60-135		0		
Acetone	18.72	20	20	0	93.6	40-140		0		J
Acrylonitrile	19.99	1.0	20	0	100	70-135		0		
Benzene	19.24	1.0	20	0	96.2	80-120		0		
Bromobenzene	18.93	1.0	20	0	94.6	75-125		0		
Bromochloromethane	20.31	1.0	20	0	102	65-130		0		
Bromodichloromethane	20.74	1.0	20	0	104	75-120		0		
Bromoform	19.65	1.0	20	0	98.2	70-130		0		
Bromomethane	18.73	1.0	20	0	93.6	30-145		0		
Carbon disulfide	27.38	2.5	20	0	137	35-165		0		
Carbon tetrachloride	19.79	1.0	20	0	99	65-140		0		
Chlorobenzene	19.71	1.0	20	0	98.6	80-120		0		
Chloroethane	18.01	1.0	20	0	90	60-135		0		
Chloroform	19.83	1.0	20	0	99.2	65-135		0		
Chloromethane	16.5	1.0	20	0	82.5	70-125		0		
cis-1,2-Dichloroethene	19.51	1.0	20	0	97.6	70-125		0		
cis-1,3-Dichloropropene	21.54	1.0	20	0	108	70-130		0		

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

Dibromochloromethane	21	1.0	20	0	105	60-135	0
Dibromomethane	20.44	1.0	20	0	102	75-125	0
Dichlorodifluoromethane	15.1	1.0	20	0	75.5	30-155	0
Ethylbenzene	19.53	1.0	20	0	97.6	75-125	0
Hexachlorobutadiene	23.62	5.0	20	0	118	50-140	0
Hexachloroethane	21.58	1.0	20	0	108	70-135	0
Iodomethane	21.92	5.0	20	0	110	70-135	0
Isopropylbenzene	22.84	1.0	20	0	114	75-125	0
m,p-Xylene	39.36	2.0	40	0	98.4	75-130	0
Methyl tert-butyl ether	20.24	5.0	20	0	101	65-125	0
Methylene chloride	19.74	5.0	20	0	98.7	55-140	0
n-Butylbenzene	20.54	1.0	20	0	103	70-135	0
n-Propylbenzene	19.71	1.0	20	0	98.6	70-130	0
Naphthalene	18.58	5.0	20	0	92.9	55-140	0
o-Xylene	19.7	1.0	20	0	98.5	80-120	0
p-Isopropyltoluene	21.4	2.0	20	0	107	75-130	0
sec-Butylbenzene	20.29	2.0	20	0	101	70-125	0
Styrene	19.65	1.0	20	0	98.2	65-135	0
tert-Butylbenzene	19.99	2.0	20	0	100	70-130	0
Tetrachloroethene	19.99	2.0	20	0	100	45-150	0
Tetrahydrofuran	18.96	10	20	0	94.8	70-135	0
Toluene	19.09	1.0	20	0	95.4	75-120	0
trans-1,2-Dichloroethene	20.29	1.0	20	0	101	60-140	0
trans-1,3-Dichloropropene	22.08	1.0	20	0	110	55-140	0
trans-1,4-Dichloro-2-butene	20.22	5.0	20	0	101	70-135	0
Trichloroethene	19.49	1.0	20	0	97.4	70-125	0
Trichlorofluoromethane	16.62	1.0	20	0	83.1	60-145	0
Vinyl chloride	18.13	1.0	20	0	90.6	50-145	0
Xylenes, Total	59.06	2.0	60	0	98.4	75-130	0
Surr: 1,2-Dichloroethane-d4	*101*	0	*100*	0	*101*	*70-120*	0
Surr: 4-Bromofluorobenzene	*100.3*	0	*100*	0	*100*	*75-120*	0
Surr: Dibromofluoromethane	*100.7*	0	*100*	0	*101*	*85-115*	0
Surr: Toluene-d8	*99.12*	0	*100*	0	*99.1*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110201-R86586** Units: µg/L Analysis Date: **2/1/2011 11:52 AM**
Client ID: Run ID: **VMS7_110201A** SeqNo: **1548332** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	18.81	1.0	20	0	94	80-130	19.63	4.27	30	
1,1,1-Trichloroethane	19.35	1.0	20	0	96.8	65-130	19.77	2.15	30	
1,1,2,2-Tetrachloroethane	18.73	1.0	20	0	93.6	65-130	18.29	2.38	30	
1,1,2-Trichloroethane	18.87	1.0	20	0	94.4	75-125	18.93	0.317	30	
1,1-Dichloroethane	19.32	1.0	20	0	96.6	70-135	19.94	3.16	30	
1,1-Dichloroethene	20.06	1.0	20	0	100	70-130	20.96	4.39	30	
1,1-Dichloropropene	19.95	1.0	20	0	99.8	75-130	20.79	4.12	30	
1,2,3-Trichlorobenzene	18.86	3.0	20	0	94.3	55-140	20.73	9.45	30	
1,2,3-Trichloropropane	19.17	1.0	20	0	95.8	75-125	18.83	1.79	30	
1,2,4-Trichlorobenzene	19.22	1.0	20	0	96.1	65-135	21.16	9.61	30	
1,2,4-Trimethylbenzene	18.93	1.0	20	0	94.6	75-130	19.4	2.45	30	
1,2-Dibromo-3-chloropropane	18.66	1.0	20	0	93.3	50-130	18.22	2.39	30	
1,2-Dibromoethane	19.05	1.0	20	0	95.2	80-120	19	0.263	30	
1,2-Dichlorobenzene	18.89	1.0	20	0	94.4	70-120	19.75	4.45	30	
1,2-Dichloroethane	19.33	1.0	20	0	96.6	70-130	19.76	2.2	30	
1,2-Dichloropropane	19.09	2.0	20	0	95.4	75-125	19.67	2.99	30	
1,3,5-Trimethylbenzene	18.65	1.0	20	0	93.2	75-130	19.25	3.17	30	
1,3-Dichlorobenzene	18.83	2.0	20	0	94.2	75-125	19.58	3.91	30	
1,3-Dichloropropane	18.86	1.0	20	0	94.3	75-125	19.02	0.845	30	
1,4-Dichlorobenzene	18.69	2.0	20	0	93.4	75-125	19.73	5.41	30	
2,2-Dichloropropane	21.02	1.0	20	0	105	70-135	22.12	5.1	30	
2-Butanone	13.29	5.0	20	0	66.4	30-150	12.99	2.28	30	
2-Chlorotoluene	18.77	2.0	20	0	93.8	75-125	19.06	1.53	30	
2-Hexanone	18.76	5.0	20	0	93.8	55-130	17.51	6.89	30	
4-Chlorotoluene	19.21	1.0	20	0	96	75-135	19.53	1.65	30	
4-Methyl-2-pentanone	18.58	5.0	20	0	92.9	60-135	17.52	5.87	30	
Acetone	19.55	20	20	0	97.8	40-140	18.72	0	30	J
Acrylonitrile	20.56	1.0	20	0	103	70-135	19.99	2.81	30	
Benzene	18.53	1.0	20	0	92.6	80-120	19.24	3.76	30	
Bromobenzene	18.72	1.0	20	0	93.6	75-125	18.93	1.12	30	
Bromochloromethane	19.92	1.0	20	0	99.6	65-130	20.31	1.94	30	
Bromodichloromethane	20.4	1.0	20	0	102	75-120	20.74	1.65	30	
Bromoform	19.73	1.0	20	0	98.6	70-130	19.65	0.406	30	
Bromomethane	16.81	1.0	20	0	84	30-145	18.73	10.8	30	
Carbon disulfide	26.13	2.5	20	0	131	35-165	27.38	4.67	30	
Carbon tetrachloride	19.2	1.0	20	0	96	65-140	19.79	3.03	30	
Chlorobenzene	18.84	1.0	20	0	94.2	80-120	19.71	4.51	30	
Chloroethane	16.58	1.0	20	0	82.9	60-135	18.01	8.27	30	
Chloroform	18.59	1.0	20	0	93	65-135	19.83	6.45	30	
Chloromethane	15.63	1.0	20	0	78.2	70-125	16.5	5.42	30	
cis-1,2-Dichloroethene	18.91	1.0	20	0	94.6	70-125	19.51	3.12	30	
cis-1,3-Dichloropropene	20.5	1.0	20	0	102	70-130	21.54	4.95	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

Dibromochloromethane	20.58	1.0	20	0	103	60-135	21	2.02	30
Dibromomethane	20.21	1.0	20	0	101	75-125	20.44	1.13	30
Dichlorodifluoromethane	14.51	1.0	20	0	72.6	30-155	15.1	3.99	30
Ethylbenzene	19.05	1.0	20	0	95.2	75-125	19.53	2.49	30
Hexachlorobutadiene	20.02	5.0	20	0	100	50-140	23.62	16.5	30
Hexachloroethane	20.01	1.0	20	0	100	70-135	21.58	7.55	30
Iodomethane	21.31	5.0	20	0	107	70-135	21.92	2.82	30
Isopropylbenzene	22.03	1.0	20	0	110	75-125	22.84	3.61	30
m,p-Xylene	37.75	2.0	40	0	94.4	75-130	39.36	4.18	30
Methyl tert-butyl ether	20.21	5.0	20	0	101	65-125	20.24	0.148	30
Methylene chloride	19.26	5.0	20	0	96.3	55-140	19.74	2.46	30
n-Butylbenzene	18.79	1.0	20	0	94	70-135	20.54	8.9	30
n-Propylbenzene	18.93	1.0	20	0	94.6	70-130	19.71	4.04	30
Naphthalene	17.69	5.0	20	0	88.4	55-140	18.58	4.91	30
o-Xylene	19.01	1.0	20	0	95	80-120	19.7	3.56	30
p-Isopropyltoluene	19.97	2.0	20	0	99.8	75-130	21.4	6.91	30
sec-Butylbenzene	19.38	2.0	20	0	96.9	70-125	20.29	4.59	30
Styrene	19.11	1.0	20	0	95.6	65-135	19.65	2.79	30
tert-Butylbenzene	19.22	2.0	20	0	96.1	70-130	19.99	3.93	30
Tetrachloroethene	19.09	2.0	20	0	95.4	45-150	19.99	4.61	30
Tetrahydrofuran	20.01	10	20	0	100	70-135	18.96	5.39	30
Toluene	18.5	1.0	20	0	92.5	75-120	19.09	3.14	30
trans-1,2-Dichloroethene	19.46	1.0	20	0	97.3	60-140	20.29	4.18	30
trans-1,3-Dichloropropene	21.65	1.0	20	0	108	55-140	22.08	1.97	30
trans-1,4-Dichloro-2-butene	20.35	5.0	20	0	102	70-135	20.22	0.641	30
Trichloroethene	18.73	1.0	20	0	93.6	70-125	19.49	3.98	30
Trichlorofluoromethane	15.59	1.0	20	0	78	60-145	16.62	6.4	30
Vinyl chloride	17.12	1.0	20	0	85.6	50-145	18.13	5.73	30
Xylenes, Total	56.76	2.0	60	0	94.6	75-130	59.06	3.97	30
Surr: 1,2-Dichloroethane-d4	*101.3*	0	*100*	0	*101*	*70-120*	101	*0.257*	*30*
Surr: 4-Bromofluorobenzene	*101.7*	0	*100*	0	*102*	*75-120*	100.3	*1.4*	*30*
Surr: Dibromofluoromethane	*101.3*	0	*100*	0	*101*	*85-115*	100.7	*0.624*	*30*
Surr: Toluene-d8	*99.82*	0	*100*	0	*99.8*	*85-120*	99.12	*0.704*	*30*

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

MS Sample ID: **1101689-24B MS** Units: **µg/Kg** Analysis Date: **2/1/2011 09:06 PM**

Client ID: Run ID: **VMS7_110201A** SeqNo: **1548916** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	1830	150	2000	0	91.5	75-125	0			
1,1,1-Trichloroethane	1889	100	2000	0	94.4	70-135	0			
1,1,2,2-Tetrachloroethane	1744	200	2000	0	87.2	55-130	0			
1,1,2-Trichloroethane	1819	200	2000	0	91	60-125	0			
1,1-Dichloroethane	1887	100	2000	0	94.4	75-125	0			
1,1-Dichloroethene	1965	100	2000	0	98.2	65-135	0			
1,1-Dichloropropene	1977	100	2000	0	98.8	70-135	0			
1,2,3-Trichlorobenzene	1680	200	2000	0	84	60-135	0			
1,2,3-Trichloropropane	1812	200	2000	0	90.6	65-130	0			
1,2,4-Trichlorobenzene	1686	100	2000	0	84.3	65-130	0			
1,2,4-Trimethylbenzene	1871	100	2000	0	93.6	65-135	0			
1,2-Dibromo-3-chloropropane	1680	200	2000	0	84	40-135	0			
1,2-Dibromoethane	1863	150	2000	0	93.2	70-125	0			
1,2-Dichlorobenzene	1775	100	2000	0	88.8	75-120	0			
1,2-Dichloroethane	1926	100	2000	0	96.3	70-135	0			
1,2-Dichloropropane	1904	350	2000	0	95.2	70-120	0			
1,3,5-Trimethylbenzene	1848	100	2000	0	92.4	65-135	0			
1,3-Dichlorobenzene	1829	100	2000	0	91.4	70-125	0			
1,3-Dichloropropane	1804	150	2000	0	90.2	75-125	0			
1,4-Dichlorobenzene	1813	100	2000	0	90.6	70-125	0			
2,2-Dichloropropane	1718	60	2000	0	85.9	65-135	0			
2-Butanone	2065	750	2000	0	103	30-160	0			
2-Chlorotoluene	1869	150	2000	0	93.4	70-130	0			
2-Hexanone	1735	500	2000	0	86.8	45-145	0			
4-Chlorotoluene	1889	200	2000	0	94.4	75-125	0			
4-Methyl-2-pentanone	1745	500	2000	0	87.2	45-145	0			
Acetone	2061	450	2000	0	103	20-160	0			
Acrylonitrile	1985	400	2000	0	99.2	70-135	0			
Benzene	1836	100	2000	0	91.8	75-125	0			
Bromobenzene	1845	150	2000	0	92.2	65-120	0			
Bromochloromethane	1993	150	2000	0	99.6	70-125	0			
Bromodichloromethane	1984	150	2000	0	99.2	70-130	0			
Bromoform	1826	100	2000	0	91.3	55-135	0			
Bromomethane	1570	150	2000	0	78.5	30-160	0			
Carbon disulfide	2474	150	2000	0	124	45-160	0			
Carbon tetrachloride	1861	100	2000	0	93	65-135	0			
Chlorobenzene	1851	150	2000	0	92.6	75-125	0			
Chloroethane	1550	300	2000	0	77.5	40-155	0			
Chloroform	1903	100	2000	0	95.2	70-125	0			
Chloromethane	1612	300	2000	0	80.6	50-130	0			
cis-1,2-Dichloroethene	1856	200	2000	0	92.8	65-125	0			
cis-1,3-Dichloropropene	1973	100	2000	0	98.6	70-125	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

Dibromochloromethane	1962	200	2000	0	98.1	65-135	0
Dibromomethane	2000	200	2000	0	100	75-130	0
Dichlorodifluoromethane	1485	100	2000	0	74.2	35-135	0
Ethylbenzene	1829	200	2000	0	91.4	75-125	0
Hexachlorobutadiene	1698	100	2000	0	84.9	55-140	0
Hexachloroethane	1883	100	2000	0	94.2	70-135	0
Iodomethane	1592	250	2000	0	79.6	70-135	0
Isopropylbenzene	2141	100	2000	0	107	75-130	0
m,p-Xylene	3702	200	4000	0	92.6	80-125	0
Methyl tert-butyl ether	1954	150	2000	0	97.7	75-125	0
Methylene chloride	1905	200	2000	0	95.2	55-145	0
n-Butylbenzene	1802	50	2000	0	90.1	65-140	0
n-Propylbenzene	1857	200	2000	0	92.8	65-135	0
Naphthalene	1546	200	2000	0	77.3	40-140	0
o-Xylene	1855	100	2000	0	92.8	75-125	0
p-Isopropyltoluene	1962	950	2000	0	98.1	75-135	0
sec-Butylbenzene	1900	100	2000	0	95	65-130	0
Styrene	1859	150	2000	0	93	75-125	0
tert-Butylbenzene	1897	150	2000	0	94.8	65-130	0
Tetrachloroethene	1842	100	2000	0	92.1	64-140	0
Tetrahydrofuran	1998	150	2000	0	99.9	70-135	0
Toluene	1736	150	2000	0	86.8	70-125	0
trans-1,2-Dichloroethene	1889	100	2000	0	94.4	65-135	0
trans-1,3-Dichloropropene	2006	150	2000	0	100	65-125	0
trans-1,4-Dichloro-2-butene	1724	350	2000	0	86.2	70-135	0
Trichloroethene	1860	100	2000	0	93	75-125	0
Trichlorofluoromethane	1467	100	2000	0	73.4	25-185	0
Vinyl chloride	1728	200	2000	0	86.4	60-125	0
Xylenes, Total	5557	300	6000	0	92.6	75-125	0
Surr: 1,2-Dichloroethane-d4	*10210*	0	*10000*	0	*102*	*70-120*	0
Surr: 4-Bromofluorobenzene	*10100*	0	*10000*	0	*101*	*75-120*	0
Surr: Dibromofluoromethane	*10130*	0	*10000*	0	*101*	*85-115*	0
Surr: Toluene-d8	*9572*	0	*10000*	0	*95.7*	*85-115*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

MSD Sample ID: **1101689-24B MSD** Units: **µg/Kg** Analysis Date: **2/1/2011 09:32 PM**

Client ID: Run ID: **VMS7_110201A** SeqNo: **1548917** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	1845	150	2000	0	92.2	75-125	1830	0.816	30	
1,1,1-Trichloroethane	1883	100	2000	0	94.2	70-135	1889	0.318	30	
1,1,2,2-Tetrachloroethane	1843	200	2000	0	92.2	55-130	1744	5.52	30	
1,1,2-Trichloroethane	1849	200	2000	0	92.4	60-125	1819	1.64	30	
1,1-Dichloroethane	1899	100	2000	0	95	75-125	1887	0.634	30	
1,1-Dichloroethene	1954	100	2000	0	97.7	65-135	1965	0.561	30	
1,1-Dichloropropene	1918	100	2000	0	95.9	70-135	1977	3.03	30	
1,2,3-Trichlorobenzene	1803	200	2000	0	90.2	60-135	1680	7.06	30	
1,2,3-Trichloropropane	1892	200	2000	0	94.6	65-130	1812	4.32	30	
1,2,4-Trichlorobenzene	1836	100	2000	0	91.8	65-130	1686	8.52	30	
1,2,4-Trimethylbenzene	1896	100	2000	0	94.8	65-135	1871	1.33	30	
1,2-Dibromo-3-chloropropane	1781	200	2000	0	89	40-135	1680	5.84	30	
1,2-Dibromoethane	1890	150	2000	0	94.5	70-125	1863	1.44	30	
1,2-Dichlorobenzene	1836	100	2000	0	91.8	75-120	1775	3.38	30	
1,2-Dichloroethane	1940	100	2000	0	97	70-135	1926	0.724	30	
1,2-Dichloropropane	1884	350	2000	0	94.2	70-120	1904	1.06	30	
1,3,5-Trimethylbenzene	1829	100	2000	0	91.4	65-135	1848	1.03	30	
1,3-Dichlorobenzene	1856	100	2000	0	92.8	70-125	1829	1.47	30	
1,3-Dichloropropane	1866	150	2000	0	93.3	75-125	1804	3.38	30	
1,4-Dichlorobenzene	1858	100	2000	0	92.9	70-125	1813	2.45	30	
2,2-Dichloropropane	1693	60	2000	0	84.6	65-135	1718	1.47	30	
2-Butanone	2088	750	2000	0	104	30-160	2065	1.11	30	
2-Chlorotoluene	1864	150	2000	0	93.2	70-130	1869	0.268	30	
2-Hexanone	1845	500	2000	0	92.2	45-145	1735	6.15	30	
4-Chlorotoluene	1887	200	2000	0	94.4	75-125	1889	0.106	30	
4-Methyl-2-pentanone	1827	500	2000	0	91.4	45-145	1745	4.59	30	
Acetone	2132	450	2000	0	107	20-160	2061	3.39	30	
Acrylonitrile	2022	400	2000	0	101	70-135	1985	1.85	30	
Benzene	1811	100	2000	0	90.6	75-125	1836	1.37	30	
Bromobenzene	1854	150	2000	0	92.7	65-120	1845	0.487	30	
Bromochloromethane	1999	150	2000	0	100	70-125	1993	0.301	30	
Bromodichloromethane	1966	150	2000	0	98.3	70-130	1984	0.911	30	
Bromoform	1884	100	2000	0	94.2	55-135	1826	3.13	30	
Bromomethane	1590	150	2000	0	79.5	30-160	1570	1.27	30	
Carbon disulfide	2469	150	2000	0	123	45-160	2474	0.202	30	
Carbon tetrachloride	1844	100	2000	0	92.2	65-135	1861	0.918	30	
Chlorobenzene	1854	150	2000	0	92.7	75-125	1851	0.162	30	
Chloroethane	1547	300	2000	0	77.4	40-155	1550	0.194	30	
Chloroform	1909	100	2000	0	95.4	70-125	1903	0.315	30	
Chloromethane	1565	300	2000	0	78.2	50-130	1612	2.96	30	
cis-1,2-Dichloroethene	1880	200	2000	0	94	65-125	1856	1.28	30	
cis-1,3-Dichloropropene	1950	100	2000	0	97.5	70-125	1973	1.17	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1101524
Project: Reclamation Oil (GSB-0102)

QC BATCH REPORT

Batch ID: **R86586** Instrument ID **VMS7** Method: **SW8260**

Dibromochloromethane	1986	200	2000	0	99.3	65-135	1962	1.22	30
Dibromomethane	2005	200	2000	0	100	75-130	2000	0.25	30
Dichlorodifluoromethane	1453	100	2000	0	72.6	35-135	1485	2.18	30
Ethylbenzene	1847	200	2000	0	92.4	75-125	1829	0.979	30
Hexachlorobutadiene	1817	100	2000	0	90.8	55-140	1698	6.77	30
Hexachloroethane	1922	100	2000	0	96.1	70-135	1883	2.05	30
Iodomethane	1733	250	2000	0	86.6	70-135	1592	8.48	30
Isopropylbenzene	2140	100	2000	0	107	75-130	2141	0.0467	30
m,p-Xylene	3702	200	4000	0	92.6	80-125	3702	0	30
Methyl tert-butyl ether	2007	150	2000	0	100	75-125	1954	2.68	30
Methylene chloride	1898	200	2000	0	94.9	55-145	1905	0.368	30
n-Butylbenzene	1828	50	2000	0	91.4	65-140	1802	1.43	30
n-Propylbenzene	1842	200	2000	0	92.1	65-135	1857	0.811	30
Naphthalene	1706	200	2000	0	85.3	40-140	1546	9.84	30
o-Xylene	1860	100	2000	0	93	75-125	1855	0.269	30
p-Isopropyltoluene	1936	950	2000	0	96.8	75-135	1962	1.33	30
sec-Butylbenzene	1902	100	2000	0	95.1	65-130	1900	0.105	30
Styrene	1857	150	2000	0	92.8	75-125	1859	0.108	30
tert-Butylbenzene	1883	150	2000	0	94.2	65-130	1897	0.741	30
Tetrachloroethene	1873	100	2000	0	93.6	64-140	1842	1.67	30
Tetrahydrofuran	2045	150	2000	0	102	70-135	1998	2.33	30
Toluene	1802	150	2000	0	90.1	70-125	1736	3.73	30
trans-1,2-Dichloroethene	1880	100	2000	0	94	65-135	1889	0.478	30
trans-1,3-Dichloropropene	2059	150	2000	0	103	65-125	2006	2.61	30
trans-1,4-Dichloro-2-butene	1804	350	2000	0	90.2	70-135	1724	4.54	30
Trichloroethene	1824	100	2000	0	91.2	75-125	1860	1.95	30
Trichlorofluoromethane	1435	100	2000	0	71.8	25-185	1467	2.21	30
Vinyl chloride	1687	200	2000	0	84.4	60-125	1728	2.4	30
Xylenes, Total	5562	300	6000	0	92.7	75-125	5557	0.0899	30
Surr: 1,2-Dichloroethane-d4	*10180*	0	*10000*	0	*102*	*70-120*	10210	*0.284*	*30*
Surr: 4-Bromofluorobenzene	*10070*	0	*10000*	0	*101*	*75-120*	10100	*0.278*	*30*
Surr: Dibromofluoromethane	*9996*	0	*10000*	0	*100*	*85-115*	10130	*1.31*	*30*
Surr: Toluene-d8	*9886*	0	*10000*	0	*98.9*	*85-115*	9572	*3.23*	*30*

The following samples were analyzed in this batch: 1101524-04A 1101524-11A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

☐ ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page 1 of 2

COC ID: 11611

☒ ALS Environmental
3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

ALS Project Manager:

ALS Work Order #: 1101524

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Reclamation Oil	A	VOCs (Target Compound List)
Work Order		Project Number	GSB-0102	B	PCBs
Company Name	Horizon Environmental	Bill To Company	Horizon Environmental	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	4771 50th Street	Address	4771 50th Street	E	
				F	
City/State/Zip	Grand Rapids, MI 49512	City/State/Zip	Grand Rapids, MI 49512	G	
Phone	(616) 554-3210	Phone	(616) 554-3210	H	
Fax	(616) 554-3211	Fax	(616) 554-3211	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	RO-GW-TMW-02	1/20/11	1045	W	HCl	5	X	X									
2	RO-FD-TMW-02	↓	1045	↓	↓	5	X	X									
3	RO-GW-TMW-04	↓	1215	↓	↓	5	X	X									
4	RO-GW-TMW-05 (unfiltered)	↓	1420	↓	↓	4	X	X									
5	RO-GW-TMW-05 (filtered)	↓	1420	↓	—	1		X									
6	RO-GW-TMW-06	↓	1155	↓	HCl	5	X	X									
7	RO-GW-TMW-08	↓	1240	↓	↓	2		X		(PCBs ONLY)							
8	RO-GW-TMW-09	↓	1425	↓	↓	5	X	X									
9	RO-GW-TMW-10	↓	1500	↓	↓	5	X	X									
10	RO-GW-TMW-11	↓	1310	↓	↓	10	X	X									MS/MSD

Sampler(s) Please Print & Sign: DAVID BANDLOW

Shipment Method: PICK-UP

Required Turnaround Time: (Check Box): Std.

Results Due Date:

Relinquished by:	Date: 1/21/11	Time: 10:00	Received by:
Relinquished by:	Date: 1/21/11	Time: 1145	Received by (Laboratory):
Logged by (Laboratory):	Date: 1/21/11	Time: 1225	Checked by (Laboratory):

Notes:

Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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☐ ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page 2 of 2

COC ID: 11610

☒ ALS Environmental
3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

ALS Project Manager:

ALS Work Order #: 1101524

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Reclamation Oil	A	VOCs (Target Compound List)
Work Order		Project Number	GSB-0102	B	PCBs
Company Name	Horizon Environmental	Bill To Company	Horizon Environmental	C	
Send Report To		Invoice Attn	Accounts Payable	D	
Address	4771 50th Street	Address	4771 50th Street	E	
				F	
City/State/Zip	Grand Rapids, MI 49512	City/State/Zip	Grand Rapids, MI 49512	G	
Phone	(616) 554-3210	Phone	(616) 554-3210	H	
Fax	(616) 554-3211	Fax	(616) 554-3211	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	RO-GW-TMW-13 (Unfiltered)	1/20/11	1330	W	HCl	4	X	X									
2	RO-GW-TMW-13 (Filtered)	↓	1330	↓	—	1		X									
3	RO-FB-01	↓	1335	↓	HCl	3	X	X	JR 1/21/11								
4	RO-TB-01	—	—	↓	↓	1	X									TRIP	BLANK
5	RO-TB-02	—	—	↓	↓	1	X									TRIP	BLANK
6	RO-TB-03	—	—	↓	↓	1	X									TRIP	BLANK
7																	
8																	
9																	
10																	

Sampler(s) Please Print & Sign: DAVID BANDLOW

Shipment Method: Pick-up

Required Turnaround Time: (Check Box): Std

Results Due Date:

Relinquished by:	Date: 1/21/11	Time: 10:00	Received by:	Notes:
Relinquished by:	Date: 1/21/11	Time: 1145	Received by (Laboratory):	
Logged by (Laboratory):	Date:	Time:	Checked by (Laboratory):	

Cooler ID	Cooler Temp.	QC Package: (Check One Box Below)

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Joe Ribar

From: Karen Hathaway [kmhathaway@horizonenv.com]
Sent: Friday, January 21, 2011 3:10 PM
To: Joe Ribar
Cc: wtdavidson@horizonenv.com
Subject: Re: 1101524 Reclamation Oil (GSB-0102)
Attachments: kmhathaway.vcf

Joe,

The Field Blank (RO-FB-01) should be analyzed for both VOCs (8260) and PCBs (8082). Please revise the work order accordingly.

Thank you,
Karen Hathaway

Joe Ribar wrote:

> Bill -
>
> PCB bottles were collected for field blank, but were not marked on the COC. I just want to verify this is correct.
>
> A project summary for the samples we received on 1/21/11 is attached. Unless notified otherwise, we will proceed as indicated.
>
> Please contact us if we can be of any further assistance.
>
> Thank you,
>
> Joe
>
> How was your customer experience? Please send us your feedback.
>
> **Joe Ribar**
> **PROJECT MANAGER**
>
> **ALS | Environmental Division**
>
> ADDRESS
> 3352 128th Avenue
> Holland, Michigan 49424
>
> OFFICE +1 616 399 6070 x526
> MOBILE +1 616 218 7990
> DIRECT +1 616 738 7313
> FAX +1 616 399 6185
> www.alsglobal.com joe.ribar@alsglobal.com
>
> *Please consider the environment before printing this email.*

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **HORIZONENV-GR** Date/Time Received: **21-Jan-11 11:45**

Work Order: **1101524** Received by: **KRW**

Checklist completed by Keith Wurenga (eSignature) 21-Jan-11 (Date) Reviewed by: Joseph Ribar (eSignature) 24-Jan-11 (Date)

Matrices: Water
Carrier name: ALSHN

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	4.6 C		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐
pH adjusted?	Yes ☐	No ☑	N/A ☐
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

DATA VALIDATION REPORT

RECLAMATION OIL SITE
6472 SELKIRK STREET
DETROIT, MICHIGAN

Date: May 2, 2011
Laboratory: ALS Laboratory Group (ALS), Holland, Michigan
Laboratory Work Order #: 1104243
Data Validation Performed By: Karen Hathaway, Horizon Environmental

This data validation report has been prepared by Horizon Environmental Corporation on behalf of the Respondents to the Administrative Settlement Agreement and Order on Consent for Removal Action Docket No. V-W-10-C-955 (Settlement Agreement) entered into by the U.S. Environmental Protection Agency (U.S. EPA) and Respondents[1] with an effective date of September 30, 2010.

This report documents the data validation for 8 soil samples (plus one duplicate sample) collected from the Reclamation Oil Site that were analyzed for the following parameters by U.S. Environmental Protection Agency (U.S. EPA) methods:

- Target Compound List (TCL) Volatile Organic Compounds (VOC) by SW-846 Method 8260B;
- Polychlorinated biphenyls (PCB) by SW-846 Method 8082; and
- Arsenic and lead by SW-846 Method 6020A.

All of the collected samples were analyzed by the laboratory (100% completeness). A Level II data package was requested from ALS. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY SW-846 METHOD 8260B

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

[1] The Respondents consist of Univar USA Inc., SPX Corporation, BorgWarner Inc., and Ford Motor Company.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
RO-S-VS-04	1104243-04	Soil	4/11/2011	4/12/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the samples for VOC analyses and was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory-established QC limits except as follows. For the LCS associated with analysis date April 12, 2011, 4-methyl-2-pentanone [136 percent recovery (%R)] was outside the QC limits (60-135%R). For analysis date April 12, 2011, the quantitation limits for 4-methyl-2-pentanone were flagged "UJ" as estimated for this discrepancy.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

ALS did not analyze an MS/MSD using VOC samples from this work order (although an MS/MSD was analyzed for PCBs). No qualifications are applied for this occurrence.

7. Field Duplicate Results

A field duplicate sample for VOC analysis was not collected (although a field duplicate was analyzed for PCBs). No qualifications are applied for this occurrence.

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

PCBS BY SW-846 METHOD 8082

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-S-VS-01	1104243-01	Soil	4/11/2011	4/12/2011	4/12/2011
RO-S-VS-02	1104243-02	Soil	4/11/2011	4/12/2011	4/12/2011
RO-S-VS-03	1104243-03	Soil	4/11/2011	4/12/2011	4/12/2011
RO-S-VS-04	1104243-04	Soil	4/11/2011	4/12/2011	4/12/2011
RO-S-VS-05	1104243-05	Soil	4/11/2011	4/12/2011	4/12-13/2011
RO-S-VS-06	1104243-06	Soil	4/11/2011	4/12/2011	4/12/2011
RO-S-VS-07	1104243-07	Soil	4/11/2011	4/12/2011	4/12/2011
RO-S-VS-08	1104243-08	Soil	4/11/2011	4/12/2011	4/12-13/2011
RO-FD-VS-08	1104243-09	Soil	4/11/2011	4/12/2011	4/12-13/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the samples for PCB analyses. The method blank was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

Percent recoveries and RPDs for the MS/MSD samples were within laboratory QC limits.

7. Field Duplicate Results

Field duplicate samples for PCB analysis were collected at the frequency specified in the QAPP. Sample RO-FD-VS-08 is a duplicate of sample RO-S-VS-08. Field duplicate sample RO-FD-VS-08 showed poor correlation with the investigative sample for Aroclor 1254 (46,000 vs. 120,000 µg/kg). This poor correlation in duplicate results was attributed to the heterogeneous nature of the sample. The area from which the sample and duplicate were collected was subsequently over-excavated and re-sampled. The results of these subsequent analyses are validated in a separate report.

8. Overall Assessment

The PCB data are acceptable for use based on the information received.

ARSENIC AND LEAD BY SW-846 METHOD 6020A

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-S-VS-04	1104243-04	Soil	4/11/2011	4/12/2011	4/13/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 180 days from sample collection to analysis.

3. Blanks

A method blank was analyzed with the samples and was free of target compound contamination above the reporting limit.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

5. MS and MSD Results

Percent recoveries and RPDs for the MS/MSD samples were within laboratory QC limits.

6. Field Duplicate Results

A field duplicate sample for arsenic and lead analyses was not collected (although a field duplicate was analyzed for PCBs). No qualifications are applied for this occurrence.

7. Overall Assessment

The metals data are acceptable for use based on the information received.

DISCREPANCY FROM QAPP

The sample identification code on the chain-of-custody (COC) for the field duplicate sample did not follow the field identification system provided in the QAPP. A notation was made on the COC, the laboratory was notified, and the sample identification code was revised accordingly. No qualification of the data is needed. The Horizon Field Team Leader was informed of the sample identification code discrepancy so that corrective measures could be taken for future sampling events.

ATTACHMENT

ALS LABORATORY GROUP
RESULTS SUMMARY WITH QUALIFIERS

ALS Environmental

01-May-2011

Bill Davidson
Horizon Environmental
4771 50th Street
Grand Rapids, MI 49512

Re: **Reclamation Oil** Work Order: **1104243**

Dear Bill,

ALS Environmental received 9 samples on 12-Apr-2011 07:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 27.

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

Sincerely,

Joseph Ribar

Electronically approved by: Joseph Ribar

Joseph Ribar
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac

Certificate No: IL100452

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: **1104243**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1104243-01	RO-S-VS-01	Soil		4/11/2011 13:30	4/12/2011 07:30	☐
1104243-02	RO-S-VS-02	Soil		4/11/2011 13:35	4/12/2011 07:30	☐
1104243-03	RO-S-VS-03	Soil		4/11/2011 13:40	4/12/2011 07:30	☐
1104243-04	RO-S-VS-04	Soil		4/11/2011 13:45	4/12/2011 07:30	☐
1104243-05	RO-S-VS-05	Soil		4/11/2011 13:50	4/12/2011 07:30	☐
1104243-06	RO-S-VS-06	Soil		4/11/2011 13:55	4/12/2011 07:30	☐
1104243-07	RO-S-VS-07	Soil		4/11/2011 14:00	4/12/2011 07:30	☐
1104243-08	RO-S-VS-08	Soil		4/11/2011 14:05	4/12/2011 07:30	☐
1104243-09	RO-FD-VS-08	Soil		4/11/2011 14:08	4/12/2011 07:30	☐

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: 1104243

Case Narrative

Sample Summary

Batch R88880, Volatile Organic Compounds, Sample 1104243-04B: Run at dilution due to elevated levels of target analytes.

QC Summary

Volatile Organic Compounds

Batch R88880A, Method 8260, Sample VLCSW1/VLCSDW1-110412: 4-Methyl-2-pentanone exceeded the upper control limit in the LCS and LCSD. However; no hits were reported for this compound in any of the samples.

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Project: Reclamation Oil
WorkOrder: **1104243**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
% of sample	Percent of Sample
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-01
Collection Date: 4/11/2011 01:30 PM

Work Order: 1104243
Lab ID: 1104243-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/12/2011**	Analyst: **JD**
Aroclor 1016	ND		49	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1221	ND		49	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1232	ND		49	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1242	ND		49	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1248	ND		49	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1254	**130**		**49**	**µg/Kg-dry**	1	4/12/2011 04:47 PM
Aroclor 1260	ND		49	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1262	ND		49	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1268	ND		49	µg/Kg-dry	1	4/12/2011 04:47 PM
Surr: Decachlorobiphenyl	*63.1*		*40-140*	*%REC*	1	4/12/2011 04:47 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**19**		**0.050**	**% of sample**	1	4/12/2011 02:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-02
Collection Date: 4/11/2011 01:35 PM

Work Order: 1104243
Lab ID: 1104243-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/12/2011**	Analyst: **JD**
Aroclor 1016	ND		47	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1221	ND		47	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1232	ND		47	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1242	ND		47	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1248	ND		47	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1254	**920**		**47**	**µg/Kg-dry**	1	4/12/2011 04:47 PM
Aroclor 1260	ND		47	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1262	ND		47	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1268	ND		47	µg/Kg-dry	1	4/12/2011 04:47 PM
Surr: Decachlorobiphenyl	*61.1*		*40-140*	*%REC*	1	4/12/2011 04:47 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**18**		**0.050**	**% of sample**	1	4/12/2011 02:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-03
Collection Date: 4/11/2011 01:40 PM

Work Order: 1104243
Lab ID: 1104243-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/12/2011**	Analyst: **JD**
Aroclor 1016	ND		44	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1221	ND		44	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1232	ND		44	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1242	ND		44	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1248	ND		44	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1254	**950**		**44**	**µg/Kg-dry**	1	4/12/2011 04:47 PM
Aroclor 1260	ND		44	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1262	ND		44	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1268	ND		44	µg/Kg-dry	1	4/12/2011 04:47 PM
Surr: Decachlorobiphenyl	*60.1*		*40-140*	*%REC*	1	4/12/2011 04:47 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**18**		**0.050**	**% of sample**	1	4/12/2011 02:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-04
Collection Date: 4/11/2011 01:45 PM

Work Order: 1104243
Lab ID: 1104243-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/12/2011**	Analyst: **JD**
Aroclor 1016	ND		51	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1221	ND		51	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1232	ND		51	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1242	ND		51	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1248	ND		51	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1254	**960**		**51**	**µg/Kg-dry**	1	4/12/2011 04:47 PM
Aroclor 1260	ND		51	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1262	ND		51	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1268	ND		51	µg/Kg-dry	1	4/12/2011 04:47 PM
Surr: Decachlorobiphenyl	*66.1*		*40-140*	*%REC*	1	4/12/2011 04:47 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/12/2011**	Analyst: **CES**
Arsenic	**3.3**		**0.20**	**mg/Kg-dry**	1	4/13/2011 11:54 AM
Lead	**2.7**		**0.020**	**mg/Kg-dry**	1	4/13/2011 11:54 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,1,1-Trichloroethane	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,1,2,2-Tetrachloroethane	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,1,2-Trichloroethane	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,1,2-Trichlorotrifluoroethane	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,1-Dichloroethane	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,1-Dichloroethene	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,1-Dichloropropene	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,2,3-Trichlorobenzene	ND		2,500	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,2,3-Trichloropropane	ND		2,500	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,2,4-Trichlorobenzene	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,2,4-Trimethylbenzene	**100,000**		**1,300**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
1,2-Dibromo-3-chloropropane	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,2-Dibromoethane	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,2-Dichlorobenzene	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,2-Dichloroethane	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,2-Dichloropropane	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,3,5-Trimethylbenzene	**54,000**		**1,300**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
1,3-Dichlorobenzene	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,3-Dichloropropane	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,4-Dichlorobenzene	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
2,2-Dichloropropane	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
2-Butanone	ND		9,600	µg/Kg-dry	1000	4/12/2011 02:44 PM
2-Chlorotoluene	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-04
Collection Date: 4/11/2011 01:45 PM

Work Order: 1104243
Lab ID: 1104243-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		6,400	µg/Kg-dry	1000	4/12/2011 02:44 PM
2-Methylnaphthalene	**35,000**		**3,800**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
4-Chlorotoluene	ND		2,500	µg/Kg-dry	1000	4/12/2011 02:44 PM
4-Methyl-2-pentanone	ND	UJ	6,400	µg/Kg-dry	1000	4/12/2011 02:44 PM
Acetone	ND		5,700	µg/Kg-dry	1000	4/12/2011 02:44 PM
Acrylonitrile	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Benzene	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
Bromobenzene	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
Bromochloromethane	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
Bromodichloromethane	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
Bromoform	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Carbon disulfide	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
Carbon tetrachloride	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Chlorobenzene	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
Chloroethane	ND		3,800	µg/Kg-dry	1000	4/12/2011 02:44 PM
Chloroform	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Chloromethane	ND		3,800	µg/Kg-dry	1000	4/12/2011 02:44 PM
cis-1,2-Dichloroethene	ND		2,500	µg/Kg-dry	1000	4/12/2011 02:44 PM
cis-1,3-Dichloropropene	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Dibromochloromethane	ND		2,500	µg/Kg-dry	1000	4/12/2011 02:44 PM
Dibromomethane	ND		2,500	µg/Kg-dry	1000	4/12/2011 02:44 PM
Dichlorodifluoromethane	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Diethyl ether	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Diisopropyl ether	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Ethyl tert butyl ether	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Ethylbenzene	**57,000**		**2,500**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
Heptane	**2,100**		**1,300**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
Hexachlorobutadiene	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Hexachloroethane	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Hexane	ND		3,800	µg/Kg-dry	1000	4/12/2011 02:44 PM
Iodomethane	ND		3,200	µg/Kg-dry	1000	4/12/2011 02:44 PM
Isopropylbenzene	**9,500**		**1,300**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
m,p-Xylene	**220,000**		**2,500**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
Methyl tert-butyl ether	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
Methylene chloride	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
n-Butylbenzene	**23,000**		**640**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
n-Propylbenzene	**11,000**		**2,500**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
Naphthalene	**49,000**		**2,500**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
o-Xylene	**70,000**		**1,300**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
p-Isopropyltoluene	**88,000**		**1,300**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-04
Collection Date: 4/11/2011 01:45 PM

Work Order: 1104243
Lab ID: 1104243-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	**6,000**		**1,300**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
Styrene	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
tert-Amyl methyl ether	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
tert-Butyl alcohol	ND		6,400	µg/Kg-dry	1000	4/12/2011 02:44 PM
tert-Butylbenzene	**3,500**		**1,900**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
Tetrachloroethene	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
Tetrahydrofuran	ND		1,900	µg/Kg-dry	1000	4/12/2011 02:44 PM
Toluene	**31,000**		**1,900**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
trans-1,2-Dichloroethene	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
trans-1,3-Dichloropropene	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
trans-1,4-Dichloro-2-butene	ND		4,500	µg/Kg-dry	1000	4/12/2011 02:44 PM
Trichloroethene	ND		640	µg/Kg-dry	1000	4/12/2011 02:44 PM
Trichlorofluoromethane	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Vinyl acetate	ND		19,000	µg/Kg-dry	1000	4/12/2011 02:44 PM
Vinyl chloride	ND		510	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,2-Dichloroethene, Total	ND		3,200	µg/Kg-dry	1000	4/12/2011 02:44 PM
1,3-Dichloropropene, Total	ND		1,300	µg/Kg-dry	1000	4/12/2011 02:44 PM
Xylenes, Total	**290,000**		**3,800**	**µg/Kg-dry**	1000	4/12/2011 02:44 PM
Surr: 1,2-Dichloroethane-d4	*97.3*		*70-120*	*%REC*	1000	4/12/2011 02:44 PM
Surr: 4-Bromofluorobenzene	*103*		*75-120*	*%REC*	1000	4/12/2011 02:44 PM
Surr: Dibromofluoromethane	*97.3*		*85-115*	*%REC*	1000	4/12/2011 02:44 PM
Surr: Toluene-d8	*99.7*		*85-115*	*%REC*	1000	4/12/2011 02:44 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**22**		**0.050**	**% of sample**	1	4/12/2011 02:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-05
Collection Date: 4/11/2011 01:50 PM

Work Order: 1104243
Lab ID: 1104243-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/12/2011**	Analyst: **JD**
Aroclor 1016	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1221	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1232	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1242	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1248	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1254	**9,100**		**230**	**µg/Kg-dry**	5	4/13/2011 09:00 AM
Aroclor 1260	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1262	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1268	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Surr: Decachlorobiphenyl	*79.1*		*40-140*	*%REC*	1	4/12/2011 04:47 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**16**		**0.050**	**% of sample**	1	4/12/2011 02:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-06
Collection Date: 4/11/2011 01:55 PM

Work Order: 1104243
Lab ID: 1104243-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/12/2011**	Analyst: **JD**
Aroclor 1016	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1221	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1232	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1242	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1248	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1254	**1,100**		**48**	**µg/Kg-dry**	1	4/12/2011 04:47 PM
Aroclor 1260	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1262	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1268	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Surr: Decachlorobiphenyl	*55.1*		*40-140*	*%REC*	1	4/12/2011 04:47 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**20**		**0.050**	**% of sample**	1	4/12/2011 02:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-07
Collection Date: 4/11/2011 02:00 PM

Work Order: 1104243
Lab ID: 1104243-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/12/2011**	Analyst: **JD**
Aroclor 1016	ND		50	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1221	ND		50	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1232	ND		50	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1242	ND		50	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1248	ND		50	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1254	**110**		**50**	**µg/Kg-dry**	1	4/12/2011 04:47 PM
Aroclor 1260	ND		50	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1262	ND		50	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1268	ND		50	µg/Kg-dry	1	4/12/2011 04:47 PM
Surr: Decachlorobiphenyl	*110*		*40-140*	*%REC*	1	4/12/2011 04:47 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**22**		**0.050**	**% of sample**	1	4/12/2011 02:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-08
Collection Date: 4/11/2011 02:05 PM

Work Order: 1104243
Lab ID: 1104243-08
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/12/2011**	Analyst: **JD**
Aroclor 1016	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1221	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1232	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1242	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1248	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1254	**120,000**		**2,400**	**µg/Kg-dry**	50	4/13/2011 09:00 AM
Aroclor 1260	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1262	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1268	ND		48	µg/Kg-dry	1	4/12/2011 04:47 PM
Surr: Decachlorobiphenyl	*65.1*		*40-140*	*%REC*	1	4/12/2011 04:47 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**19**		**0.050**	**% of sample**	1	4/12/2011 02:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-08
Collection Date: 4/11/2011 02:08 PM

Work Order: 1104243
Lab ID: 1104243-09
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/12/2011**	Analyst: **JD**
Aroclor 1016	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1221	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1232	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1242	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1248	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1254	**46,000**		**890**	**µg/Kg-dry**	20	4/13/2011 09:00 AM
Aroclor 1260	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1262	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Aroclor 1268	ND		45	µg/Kg-dry	1	4/12/2011 04:47 PM
Surr: Decachlorobiphenyl	*63.1*		*40-140*	*%REC*	1	4/12/2011 04:47 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**17**		**0.050**	**% of sample**	1	4/12/2011 02:34 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32768** Instrument ID **GC4** Method: **SW8082**

MBLK Sample ID: **PBLKS1-32768-32768** Units: **µg/Kg** Analysis Date: **4/12/2011 04:47 PM**

Client ID: Run ID: **GC4_110412A** SeqNo: **1598097** Prep Date: **4/12/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	40								
Aroclor 1221	ND	40								
Aroclor 1232	ND	40								
Aroclor 1242	ND	40								
Aroclor 1248	ND	40								
Aroclor 1254	ND	40								
Aroclor 1260	ND	40								
Aroclor 1262	ND	40								
Aroclor 1268	ND	40								
Surr: Decachlorobiphenyl	*28.33*	0	*33.3*	0	*85.1*	*50-130*	0			

LCS Sample ID: **PLCSS1-32768-32768** Units: **µg/Kg** Analysis Date: **4/12/2011 04:47 PM**

Client ID: Run ID: **GC4_110412A** SeqNo: **1598099** Prep Date: **4/12/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	841.7	40	833	0	101	50-130	0			
Aroclor 1260	824	40	833	0	98.9	50-130	0			
Surr: Decachlorobiphenyl	*30.67*	0	*33.3*	0	*92.1*	*50-130*	0			

LCSD Sample ID: **PLCSDS1-32768-32768** Units: **µg/Kg** Analysis Date: **4/12/2011 04:47 PM**

Client ID: Run ID: **GC4_110412A** SeqNo: **1598098** Prep Date: **4/12/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	879.3	40	833	0	106	50-130	841.7	4.38	25	
Aroclor 1260	896	40	833	0	108	50-130	824	8.37	25	
Surr: Decachlorobiphenyl	*32.67*	0	*33.3*	0	*98.1*	*50-130*	30.67	*6.32*	*25*	

MS Sample ID: **1104243-01A MS** Units: **µg/Kg** Analysis Date: **4/12/2011 04:47 PM**

Client ID: **RO-S-VS-01** Run ID: **GC4_110412A** SeqNo: **1598087** Prep Date: **4/12/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	732.3	40	832.6	0	88	40-140	0			
Aroclor 1260	660.3	40	832.6	0	79.3	40-140	0			
Surr: Decachlorobiphenyl	*18.32*	0	*33.28*	0	*55.1*	*40-140*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32768** Instrument ID **GC4** Method: **SW8082**

MSD Sample ID: **1104243-01A MSD** Units: **µg/Kg** Analysis Date: **4/12/2011 04:47 PM**

Client ID: **RO-S-VS-01** Run ID: **GC4_110412A** SeqNo: **1598088** Prep Date: **4/12/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	761.5	40	834.2	0	91.3	40-140	732.3	3.91	50	
Aroclor 1260	665.3	40	834.2	0	79.8	40-140	660.3	0.754	50	
Surr: Decachlorobiphenyl	*17.36*	0	*33.35*	0	*52.1*	*40-140*	18.32	*5.41*	*50*	

The following samples were analyzed in this batch:

1104243-01A	1104243-02A	1104243-03A
1104243-04A	1104243-05A	1104243-06A
1104243-07A	1104243-08A	1104243-09A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32785** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK Sample ID: **MBLK-32785-32785** Units: **mg/Kg** Analysis Date: **4/13/2011 11:36 AM**
Client ID: Run ID: **ICPMS1_110413A** SeqNo: **1598453** Prep Date: **4/12/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.25								
Lead	ND	0.25								

LCS Sample ID: **LCS-32785-32785** Units: **mg/Kg** Analysis Date: **4/13/2011 11:42 AM**
Client ID: Run ID: **ICPMS1_110413A** SeqNo: **1598455** Prep Date: **4/12/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.768	0.50	5	0	95.4	80-120	0			
Lead	4.884	0.50	5	0	97.7	80-120	0			

LCSD Sample ID: **LCSD-32785-32785** Units: **mg/Kg** Analysis Date: **4/13/2011 11:48 AM**
Client ID: Run ID: **ICPMS1_110413A** SeqNo: **1598456** Prep Date: **4/12/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.745	0.50	5	0	94.9	80-120	4.768	0.484	20	
Lead	4.931	0.50	5	0	98.6	80-120	4.884	0.958	20	

MS Sample ID: **1104248-03BMS** Units: **mg/Kg** Analysis Date: **4/13/2011 12:06 PM**
Client ID: Run ID: **ICPMS1_110413A** SeqNo: **1598460** Prep Date: **4/12/2011** DF: **4**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	17.1	1.7	8.681	9.665	85.7	80-120	0			
Lead	26.95	1.7	8.681	19.66	83.9	80-120	0			

MSD Sample ID: **1104248-03BMSD** Units: **mg/Kg** Analysis Date: **4/13/2011 12:12 PM**
Client ID: Run ID: **ICPMS1_110413A** SeqNo: **1598462** Prep Date: **4/12/2011** DF: **4**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	16.78	1.7	8.569	9.665	83	80-120	17.1	1.92	25	
Lead	27.49	1.7	8.569	19.66	91.4	80-120	26.95	2	25	

The following samples were analyzed in this batch: 1104243-04A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88880A** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110412-R88880A** Units: **µg/L** Analysis Date: **4/12/2011 11:42 AM**

Client ID: Run ID: **VMS6_110412A** SeqNo: **1597427** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88880A** Instrument ID **VMS6** Method: **SW8260**

cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethyl tert butyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
n-Butylbenzene	ND	1.0					
n-Propylbenzene	ND	1.0					
Naphthalene	ND	5.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	2.0					
Surr: 1,2-Dichloroethane-d4	*98.12*	0	*100*	0	*98.1*	*70-120*	0
Surr: 4-Bromofluorobenzene	*97.11*	0	*100*	0	*97.1*	*75-120*	0
Surr: Dibromofluoromethane	*100.5*	0	*100*	0	*100*	*85-115*	0
Surr: Toluene-d8	*100.7*	0	*100*	0	*101*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88880A** Instrument ID **VMS6** Method: **SW8260**

LCS Sample ID: **VLCSW1-110412-R88880A** Units: **µg/L** Analysis Date: **4/12/2011 10:25 AM**
Client ID: Run ID: **VMS6_110412A** SeqNo: **1597157** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.73	1.0	20	0	104	80-130	0			
1,1,1-Trichloroethane	20.69	1.0	20	0	103	65-130	0			
1,1,2,2-Tetrachloroethane	21.34	1.0	20	0	107	65-130	0			
1,1,2-Trichloroethane	21.64	1.0	20	0	108	75-125	0			
1,1-Dichloroethane	20.24	1.0	20	0	101	70-135	0			
1,1-Dichloroethene	21.45	1.0	20	0	107	70-130	0			
1,1-Dichloropropene	21.34	1.0	20	0	107	75-130	0			
1,2,3-Trichlorobenzene	20.37	3.0	20	0	102	55-140	0			
1,2,3-Trichloropropane	21.24	1.0	20	0	106	75-125	0			
1,2,4-Trichlorobenzene	20.73	1.0	20	0	104	65-135	0			
1,2,4-Trimethylbenzene	19.39	1.0	20	0	97	75-130	0			
1,2-Dibromo-3-chloropropane	21.56	1.0	20	0	108	50-130	0			
1,2-Dibromoethane	21.41	1.0	20	0	107	80-120	0			
1,2-Dichlorobenzene	21.25	1.0	20	0	106	70-120	0			
1,2-Dichloroethane	20.34	1.0	20	0	102	70-130	0			
1,2-Dichloropropane	21.01	2.0	20	0	105	75-125	0			
1,3,5-Trimethylbenzene	19.55	1.0	20	0	97.8	75-130	0			
1,3-Dichlorobenzene	20.85	2.0	20	0	104	75-125	0			
1,3-Dichloropropane	21.31	1.0	20	0	107	75-125	0			
1,4-Dichlorobenzene	21.1	2.0	20	0	106	75-125	0			
2,2-Dichloropropane	22.04	1.0	20	0	110	70-135	0			
2-Butanone	24.92	5.0	20	0	125	30-150	0			
2-Chlorotoluene	20.23	2.0	20	0	101	75-125	0			
2-Hexanone	21.22	5.0	20	0	106	55-130	0			
4-Chlorotoluene	20.12	1.0	20	0	101	75-135	0			
4-Methyl-2-pentanone	27.24	5.0	20	0	136	60-135	0			S
Acetone	23.75	20	20	0	119	40-140	0			
Acrylonitrile	19.62	1.0	20	0	98.1	70-135	0			
Benzene	21.55	1.0	20	0	108	80-120	0			
Bromobenzene	20.74	1.0	20	0	104	75-125	0			
Bromochloromethane	20.77	1.0	20	0	104	65-130	0			
Bromodichloromethane	20.06	1.0	20	0	100	75-120	0			
Bromoform	22.36	1.0	20	0	112	70-130	0			
Carbon disulfide	23.89	2.5	20	0	119	35-165	0			
Carbon tetrachloride	22.56	1.0	20	0	113	65-140	0			
Chlorobenzene	21.42	1.0	20	0	107	80-120	0			
Chloroethane	18.76	1.0	20	0	93.8	60-135	0			
Chloroform	20.68	1.0	20	0	103	65-135	0			
Chloromethane	19.36	1.0	20	0	96.8	70-125	0			
cis-1,2-Dichloroethene	20.82	1.0	20	0	104	70-125	0			
cis-1,3-Dichloropropene	20.94	1.0	20	0	105	70-130	0			
Dibromochloromethane	22.64	1.0	20	0	113	60-135	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88880A** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	20.32	1.0	20	0	102	75-125	0
Dichlorodifluoromethane	17.34	1.0	20	0	86.7	30-155	0
Ethylbenzene	20.88	1.0	20	0	104	75-125	0
Hexachlorobutadiene	25.11	5.0	20	0	126	50-140	0
Hexachloroethane	21.02	1.0	20	0	105	70-135	0
Iodomethane	23.67	5.0	20	0	118	70-135	0
Isopropylbenzene	20.02	1.0	20	0	100	75-125	0
m,p-Xylene	42.08	2.0	40	0	105	75-130	0
Methyl tert-butyl ether	23.42	5.0	20	0	117	65-125	0
Methylene chloride	19.93	5.0	20	0	99.6	55-140	0
n-Butylbenzene	20.26	1.0	20	0	101	70-135	0
n-Propylbenzene	19.43	1.0	20	0	97.2	70-130	0
Naphthalene	21.05	5.0	20	0	105	55-140	0
o-Xylene	20.56	1.0	20	0	103	80-120	0
p-Isopropyltoluene	19.4	2.0	20	0	97	75-130	0
sec-Butylbenzene	19.63	2.0	20	0	98.2	70-125	0
Styrene	20.93	1.0	20	0	105	65-135	0
tert-Butylbenzene	19.09	2.0	20	0	95.4	70-130	0
Tetrachloroethene	20.84	2.0	20	0	104	45-150	0
Tetrahydrofuran	21.07	10	20	0	105	70-135	0
Toluene	20.96	1.0	20	0	105	75-120	0
trans-1,2-Dichloroethene	20.51	1.0	20	0	103	60-140	0
trans-1,3-Dichloropropene	22.97	1.0	20	0	115	55-140	0
trans-1,4-Dichloro-2-butene	22.79	5.0	20	0	114	70-135	0
Trichloroethene	21.2	1.0	20	0	106	70-125	0
Trichlorofluoromethane	15.73	1.0	20	0	78.6	60-145	0
Vinyl chloride	21.18	1.0	20	0	106	50-145	0
Xylenes, Total	62.64	2.0	60	0	104	75-130	0
Surr: 1,2-Dichloroethane-d4	*96.66*	0	*100*	0	*96.7*	*70-120*	0
Surr: 4-Bromofluorobenzene	*98.87*	0	*100*	0	*98.9*	*75-120*	0
Surr: Dibromofluoromethane	*99.74*	0	*100*	0	*99.7*	*85-115*	0
Surr: Toluene-d8	*100.1*	0	*100*	0	*100*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88880A** Instrument ID **VMS6** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110412-R88880A** Units: **µg/L** Analysis Date: **4/12/2011 10:51 AM**

Client ID: Run ID: **VMS6_110412A** SeqNo: **1597206** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.3	1.0	20	0	102	80-130	20.73	2.1	30	
1,1,1-Trichloroethane	19.99	1.0	20	0	100	65-130	20.69	3.44	30	
1,1,2,2-Tetrachloroethane	21.19	1.0	20	0	106	65-130	21.34	0.705	30	
1,1,2-Trichloroethane	21.19	1.0	20	0	106	75-125	21.64	2.1	30	
1,1-Dichloroethane	19.7	1.0	20	0	98.5	70-135	20.24	2.7	30	
1,1-Dichloroethene	20.28	1.0	20	0	101	70-130	21.45	5.61	30	
1,1-Dichloropropene	20.49	1.0	20	0	102	75-130	21.34	4.06	30	
1,2,3-Trichlorobenzene	18.51	3.0	20	0	92.6	55-140	20.37	9.57	30	
1,2,3-Trichloropropane	20.57	1.0	20	0	103	75-125	21.24	3.2	30	
1,2,4-Trichlorobenzene	19.03	1.0	20	0	95.2	65-135	20.73	8.55	30	
1,2,4-Trimethylbenzene	19.01	1.0	20	0	95	75-130	19.39	1.98	30	
1,2-Dibromo-3-chloropropane	20.27	1.0	20	0	101	50-130	21.56	6.17	30	
1,2-Dibromoethane	21.02	1.0	20	0	105	80-120	21.41	1.84	30	
1,2-Dichlorobenzene	20.79	1.0	20	0	104	70-120	21.25	2.19	30	
1,2-Dichloroethane	20.08	1.0	20	0	100	70-130	20.34	1.29	30	
1,2-Dichloropropane	20.69	2.0	20	0	103	75-125	21.01	1.53	30	
1,3,5-Trimethylbenzene	19.01	1.0	20	0	95	75-130	19.55	2.8	30	
1,3-Dichlorobenzene	20.24	2.0	20	0	101	75-125	20.85	2.97	30	
1,3-Dichloropropane	20.71	1.0	20	0	104	75-125	21.31	2.86	30	
1,4-Dichlorobenzene	20.47	2.0	20	0	102	75-125	21.1	3.03	30	
2,2-Dichloropropane	20.79	1.0	20	0	104	70-135	22.04	5.84	30	
2-Butanone	23.84	5.0	20	0	119	30-150	24.92	4.43	30	
2-Chlorotoluene	20.03	2.0	20	0	100	75-125	20.23	0.994	30	
2-Hexanone	21.09	5.0	20	0	105	55-130	21.22	0.615	30	
4-Chlorotoluene	19.7	1.0	20	0	98.5	75-135	20.12	2.11	30	
4-Methyl-2-pentanone	27.12	5.0	20	0	136	60-135	27.24	0.442	30	S
Acetone	22.02	20	20	0	110	40-140	23.75	7.56	30	
Acrylonitrile	19.22	1.0	20	0	96.1	70-135	19.62	2.06	30	
Benzene	20.98	1.0	20	0	105	80-120	21.55	2.68	30	
Bromobenzene	20.52	1.0	20	0	103	75-125	20.74	1.07	30	
Bromochloromethane	20.86	1.0	20	0	104	65-130	20.77	0.432	30	
Bromodichloromethane	19.79	1.0	20	0	99	75-120	20.06	1.36	30	
Bromoform	21.88	1.0	20	0	109	70-130	22.36	2.17	30	
Carbon disulfide	22.97	2.5	20	0	115	35-165	23.89	3.93	30	
Carbon tetrachloride	21.34	1.0	20	0	107	65-140	22.56	5.56	30	
Chlorobenzene	20.9	1.0	20	0	104	80-120	21.42	2.46	30	
Chloroethane	17.77	1.0	20	0	88.8	60-135	18.76	5.42	30	
Chloroform	20.02	1.0	20	0	100	65-135	20.68	3.24	30	
Chloromethane	18.42	1.0	20	0	92.1	70-125	19.36	4.98	30	
cis-1,2-Dichloroethene	20.19	1.0	20	0	101	70-125	20.82	3.07	30	
cis-1,3-Dichloropropene	20.56	1.0	20	0	103	70-130	20.94	1.83	30	
Dibromochloromethane	22.03	1.0	20	0	110	60-135	22.64	2.73	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88880A** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	20.15	1.0	20	0	101	75-125	20.32	0.84	30
Dichlorodifluoromethane	16.38	1.0	20	0	81.9	30-155	17.34	5.69	30
Ethylbenzene	20.41	1.0	20	0	102	75-125	20.88	2.28	30
Hexachlorobutadiene	21.71	5.0	20	0	109	50-140	25.11	14.5	30
Hexachloroethane	19.5	1.0	20	0	97.5	70-135	21.02	7.5	30
Iodomethane	22.7	5.0	20	0	114	70-135	23.67	4.18	30
Isopropylbenzene	19.43	1.0	20	0	97.2	75-125	20.02	2.99	30
m,p-Xylene	40.58	2.0	40	0	101	75-130	42.08	3.63	30
Methyl tert-butyl ether	23.25	5.0	20	0	116	65-125	23.42	0.729	30
Methylene chloride	19.62	5.0	20	0	98.1	55-140	19.93	1.57	30
n-Butylbenzene	18.82	1.0	20	0	94.1	70-135	20.26	7.37	30
n-Propylbenzene	18.82	1.0	20	0	94.1	70-130	19.43	3.19	30
Naphthalene	19.23	5.0	20	0	96.2	55-140	21.05	9.04	30
o-Xylene	20.26	1.0	20	0	101	80-120	20.56	1.47	30
p-Isopropyltoluene	18.28	2.0	20	0	91.4	75-130	19.4	5.94	30
sec-Butylbenzene	18.77	2.0	20	0	93.8	70-125	19.63	4.48	30
Styrene	20.47	1.0	20	0	102	65-135	20.93	2.22	30
tert-Butylbenzene	18.51	2.0	20	0	92.6	70-130	19.09	3.09	30
Tetrachloroethene	19.98	2.0	20	0	99.9	45-150	20.84	4.21	30
Tetrahydrofuran	20.19	10	20	0	101	70-135	21.07	4.27	30
Toluene	20.65	1.0	20	0	103	75-120	20.96	1.49	30
trans-1,2-Dichloroethene	20.29	1.0	20	0	101	60-140	20.51	1.08	30
trans-1,3-Dichloropropene	22.73	1.0	20	0	114	55-140	22.97	1.05	30
trans-1,4-Dichloro-2-butene	22.62	5.0	20	0	113	70-135	22.79	0.749	30
Trichloroethene	20.29	1.0	20	0	101	70-125	21.2	4.39	30
Trichlorofluoromethane	14.8	1.0	20	0	74	60-145	15.73	6.09	30
Vinyl chloride	20.34	1.0	20	0	102	50-145	21.18	4.05	30
Xylenes, Total	60.84	2.0	60	0	101	75-130	62.64	2.92	30
Surr: 1,2-Dichloroethane-d4	*95.21*	0	*100*	0	*95.2*	*70-120*	96.66	*1.51*	*30*
Surr: 4-Bromofluorobenzene	*100.2*	0	*100*	0	*100*	*75-120*	98.87	*1.29*	*30*
Surr: Dibromofluoromethane	*98*	0	*100*	0	*98*	*85-115*	99.74	*1.76*	*30*
Surr: Toluene-d8	*100.4*	0	*100*	0	*100*	*85-120*	100.1	*0.339*	*30*

The following samples were analyzed in this batch: 1104243-04B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104243
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88932** Instrument ID **MOIST** Method: **A2540 G**

MBLK Sample ID: **WBLKS1-R88932** Units: **% of sample** Analysis Date: **4/12/2011 02:34 PM**
Client ID: Run ID: **MOIST_110412A** SeqNo: **1598228** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	ND	0.050								

LCS Sample ID: **LCS-R88932** Units: **% of sample** Analysis Date: **4/12/2011 02:34 PM**
Client ID: Run ID: **MOIST_110412A** SeqNo: **1598224** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	100	0.050	100	0	100	99.5-100.5	0			

DUP Sample ID: **1104243-01A DUP** Units: **% of sample** Analysis Date: **4/12/2011 02:34 PM**
Client ID: **RO-S-VS-01** Run ID: **MOIST_110412A** SeqNo: **1598180** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	19.69	0.050	0	0	0	0-0	18.99	3.62	20	

DUP Sample ID: **1104248-03BDUP1** Units: **% of sample** Analysis Date: **4/12/2011 02:34 PM**
Client ID: Run ID: **MOIST_110412A** SeqNo: **1598208** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	60.23	0.050	0	0	0	0-0	59.59	1.07	20	

DUP Sample ID: **1104248-03BDUP2** Units: **% of sample** Analysis Date: **4/12/2011 02:34 PM**
Client ID: Run ID: **MOIST_110412A** SeqNo: **1598209** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	60.58	0.050	0	0	0	0-0	59.59	1.65	20	

The following samples were analyzed in this batch:

1104243-01A	1104243-02A	1104243-03A
1104243-04A	1104243-05A	1104243-06A
1104243-07A	1104243-08A	1104243-09A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

☐ ALS Environmental
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. +1 281 530 5656
Fax. +1 281 530 5887

Chain of Custody Form

Page ____ of ____

COC ID: 11388

☐ ALS Environmental
3352 128th Ave.
Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

ALS Project Manager: | ALS Work Order #: 1104243

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Reclamation Oil	A	PCBs
Work Order		Project Number		B	VOCS
Company Name	Horizon Environmental	Bill To Company	Horizon Environmental	C	Arsenic
Send Report To	Karen Hathaway	Invoice Attn	Accounts Payable	D	Lead
Address	4771 50th Street	Address	4771 50th Street	E	
				F	
City/State/Zip	Grand Rapids, MI 49512	City/State/Zip	Grand Rapids, MI 49512	G	
Phone	(616) 554-3210	Phone	(616) 554-3210	H	
Fax	(616) 554-3211	Fax	(616) 554-3211	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	RO-S-VS-01	4-11-11	1330	S		1	X										
2	RO-S-VS-02		1335	S		1	X										
3	RO-S-VS-03		1340	S		1	X										
4	RO-S-VS-04		1345	S		3	X	X	X	X							
5	RO-S-VS-05		1350	S		1	X										
6	RO-S-VS-06		1355	S		1	X										
7	RO-S-VS-07		1400	S		1	X										
8	RO-S-VS-08 KH 4/28/11		1405	S		1	X										
9	~~RO-S-VS-08 Duplicate~~		1408	S		1	X										
10	RO-FD-VS-08																

Sampler(s) Please Print & Sign: Mike Potter

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☒ 24 Hour ☐ Other ____

Results Due Date: Wednesday

Relinquished by:	Date: 4-11-11	Time: 1510	Received by:
Relinquished by:	Date: 4/11/11	Time:	Received by (Laboratory): 4/12/11 0730
Logged by (Laboratory): DFS	Date: 4/12/11	Time: 0730	Checked by (Laboratory):

Notes:

Cooler ID	Cooler Temp.
	2.4°C

QC Package: (Check One Box Below)
☐ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other ____
☐ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL

Date: 4/11/11 Time:
Name: [illegible]
Company:

Seal Broken By:
Date:

CITY TRANSFER COMPANY (GROUND-AIR BILL – SHIPPING RECEIPT)

DATE 4/11/11

2770898

PLACE AN "X" BELOW

SPECIAL SERVICE	
GROUND SERVICE	X
AIR SERVICE	
AIR & GROUND COMBINED	
CANCELLED CHECKS OR CASH LETTERS	
OTHER (LIST COMMODITIES) ➡	
SPECIAL INSTRUCTIONS ➡	

SHIPPER COMPANY: ALS	RECEIVER: ALS
CONTACT: Fred H. PHONE #	PHONE #: 616 399-6070
STREET ADDRESS: 2415 Chandler	STREET ADDRESS:
CITY: Lincoln Park MI STATE, ZIP CODE	CITY: Holland MI STATE, ZIP CODE
DECLARED VALUE $	ACCOUNT NO.
ADD'L INSURANCE COST $	

PIECES	(DESCRIPTION OF WHAT IS BEING SHIPPED: BOX, BAG, ENVELOPE)	WEIGHT LBS.	WEIGHT OZ.	$ CHARGES
1	Cooler (Sealed)	80		

☐ PREPAID ☐ BILL TO ACCT. ☐ C.O.D.

TOTAL $

Except for "cash letters", the released or declared value of this shipment is specifically declared not to be in excess of $100.00, unless a greater value is declared in writing on this Bill of Lading for which additional charges will be assessed. Carrier's liability with respect to "cash letter" shipments is limited in its tariffs.

Except on "cash letter" shipments, claims, if any, must be filed in writing within thirty (30) days after pickup. Claims involving "cash letter" shipments must be filed in writing within three (3) days after pickup. Claimant shall give oral notice to carrier as soon as it becomes aware of a potential claim involving a "cash letter" shipment.

CARRIER SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES.

RECEIVED, Subject to rates and tariffs in effect on the date hereof

PICKED UP BY	DATE	TIME
DRIVER: [illegible]	4-11-11	A.M.
ROUTE #: 201		4:10 P.M.

RECEIVED BY	DATE	TIME
[illegible]	04/12/11	A.M.
ROUTE #: 903		P.M.

The property described above, in apparent good order, except as noted (contents and conditions of packages unknown), marked, consigned and destined as shown below, which said company agrees to carry to its usual place of delivery at said destination if within the territory of its highway operations. It is mutually agreed as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions of the carrier's tariff, which are hereby agreed to by the shipper and accepted for himself and his assigns.

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **HORIZONENV-GR** Date/Time Received: **12-Apr-11 07:30**

Work Order: **1104243** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 12-Apr-11 (Date) Reviewed by: Joseph Lebar (eSignature) 12-Apr-11 (Date)

Matrices: Soil
Carrier name: City Transfer

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	2.4 c		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

DATA VALIDATION REPORT

RECLAMATION OIL SITE
6472 SELKIRK STREET
DETROIT, MICHIGAN

Date: May 2, 2011
Laboratory: ALS Laboratory Group (ALS), Holland, Michigan
Laboratory Work Order #: 1104270
Data Validation Performed By: Karen Hathaway, Horizon Environmental

This data validation report has been prepared by Horizon Environmental Corporation on behalf of the Respondents to the Administrative Settlement Agreement and Order on Consent for Removal Action Docket No. V-W-10-C-955 (Settlement Agreement) entered into by the U.S. Environmental Protection Agency (U.S. EPA) and Respondents[1] with an effective date of September 30, 2010.

This report documents the data validation for 5 soil samples (plus one duplicate sample) collected from the Reclamation Oil Site that were analyzed for the following parameters by U.S. Environmental Protection Agency (U.S. EPA) methods:

- Target Compound List (TCL) Volatile Organic Compounds (VOC) by SW-846 Method 8260B;
- Polychlorinated biphenyls (PCB) by SW-846 Method 8082; and
- Arsenic and lead by SW-846 Method 6020A.

All of the collected samples were analyzed by the laboratory (100% completeness). A Level II data package was requested from ALS. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY SW-846 METHOD 8260B

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

[1] The Respondents consist of Univar USA Inc., SPX Corporation, BorgWarner Inc., and Ford Motor Company.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
RO-S-VS-09	1104270-01	Soil	4/12/2011	4/14/2011
RO-S-VS-10	1104270-02	Soil	4/12/2011	4/14/2011
RO-S-VS-11	1104270-03	Soil	4/12/2011	4/14/2011
RO-S-VS-12	1104270-04	Soil	4/12/2011	4/14/2011
RO-S-VS-13	1104270-05	Soil	4/12/2011	4/14/2011
RO-FD-VS-13	1104270-06	Soil	4/12/2011	4/14/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

Method blanks were analyzed with the samples for VOC analyses. The method blanks were free of target compound contamination above the reporting limit. Naphthalene was detected in one method blank below the practical quantitation limit (PQL). Because naphthalene was detected at higher concentrations in the investigative samples, no qualifications are required.

4. Surrogate Results

The surrogate recovery results were mostly within the laboratory-established quality control (QC) limits. In one case, one of the four surrogates was slightly outside the QC limit. However, in this case, the dilution factor was high at 100. No qualification is required in such cases.

5. Laboratory Control Sample (LCS) Results

The LCS recoveries were within laboratory-established QC limits except as follows. For the LCS associated with analysis date April 14, 2011, 4-methyl-2-pentanone, acetone, hexachlorobutadiene, and 2-butanone were outside the QC limits due to sporadic marginal exceedances. For analysis date April 14, 2011, the quantitation limits for non-detected results of 4-methyl-2-pentanone, acetone, hexachlorobutadiene, and 2-butanone were flagged "UJ" as estimated for this discrepancy.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

The MS/MSD recovery for 2,2-dichloropropane had a low percent recovery (less than the lower QC limit). Quantitation limits for non-detected results were flagged "UJ" as estimated due to possible matrix interference.

7. Field Duplicate Results

A field duplicate sample was collected at the frequency specified in the QAPP. Sample RO-FD-VS-13 is a duplicate of sample RO-S-VS-13. Field duplicate sample RO-FD-VS-13 showed poor correlation with the investigative sample. This poor correlation in duplicate results was attributed to the heterogeneous nature of the sample location. The area from which the sample and duplicate were collected was subsequently over-excavated and re-sampled. The results of these subsequent analyses are validated in a separate report.

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

PCBS BY SW-846 METHOD 8082

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-S-VS-09	1104270-01	Soil	4/12/2011	4/13/2011	4/13/2011
RO-S-VS-10	1104270-02	Soil	4/12/2011	4/13/2011	4/13/2011
RO-S-VS-11	1104270-03	Soil	4/12/2011	4/13/2011	4/13/2011
RO-S-VS-12	1104270-04	Soil	4/12/2011	4/13/2011	4/13/2011
RO-S-VS-13	1104270-05	Soil	4/12/2011	4/13/2011	4/13/2011
RO-FD-VS-13	1104270-06	Soil	4/12/2011	4/13/2011	4/13/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the samples for PCB analysis. The method blank was free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

Percent recoveries and RPDs for the MS/MSD samples were within laboratory QC limits.

7. Field Duplicate Results

Field duplicate samples for PCB analysis were collected at the frequency specified in the QAPP. Sample RO-FD-VS-13 is a duplicate of sample RO-S-VS-13. Field duplicate sample RO-FD-VS-13 showed good correlation with the investigative sample (all non-detect).

8. Overall Assessment

The PCB data are acceptable for use based on the information received.

ARSENIC AND LEAD BY SW-846 METHOD 6020A

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-S-VS-09	1104270-01	Soil	4/12/2011	4/14/2011	4/14/2011
RO-S-VS-10	1104270-02	Soil	4/12/2011	4/14/2011	4/14/2011
RO-S-VS-11	1104270-03	Soil	4/12/2011	4/14/2011	4/14/2011
RO-S-VS-12	1104270-04	Soil	4/12/2011	4/14/2011	4/14/2011
RO-S-VS-13	1104270-05	Soil	4/12/2011	4/14/2011	4/14/2011
RO-FD-VS-13	1104270-06	Soil	4/12/2011	4/14/2011	4/14/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 180 days from sample collection to analysis.

3. Blanks

The method blank was free of target compound contamination above the reporting limit. Arsenic was detected in the method blank below the PQL. Because arsenic was detected at higher concentrations in the samples, no qualification is required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

5. MS and MSD Results

The MS recovery for arsenic had a low percent recovery (less than the lower QC limit). Detected results for arsenic were flagged "J" as estimated due to possible matrix interference.

6. Field Duplicate Results

Field duplicate samples for metals analysis were collected at the frequency specified in the QAPP. Sample RO-FD-VS-13 is a duplicate of sample RO-S-VS-13. Field duplicate sample RO-FD-VS-13 showed good correlation with the investigative sample for metals (within 15%).

7. Overall Assessment

The metals data are acceptable for use as qualified based on the information received.

DISCREPANCY FROM QAPP

The sample identification code on the chain-of-custody (COC) for the field duplicate sample did not follow the field identification system provided in the QAPP. A notation was made on the COC, the laboratory was notified, and the sample identification code was revised accordingly. No qualification of the data is needed. The Horizon Field Team Leader was informed of the sample identification code discrepancy so that corrective measures could be taken for future sampling events.

ATTACHMENT

ALS LABORATORY GROUP
RESULTS SUMMARY WITH QUALIFIERS

ALS Environmental

01-May-2011

Bill Davidson
Horizon Environmental
4771 50th Street
Grand Rapids, MI 49512

Re: **Reclamation Oil** Work Order: **1104270**

Dear Bill,

ALS Environmental received 6 samples on 13-Apr-2011 07:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 44.

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

Sincerely,

Joseph Ribar

Electronically approved by: Joseph Ribar

Joseph Ribar
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac

Certificate No: IL100452

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: **1104270**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1104270-01	RO-S-VS-09	Soil		4/12/2011 13:00	4/13/2011 07:30	☐
1104270-02	RO-S-VS-10	Soil		4/12/2011 13:10	4/13/2011 07:30	☐
1104270-03	RO-S-VS-11	Soil		4/12/2011 13:20	4/13/2011 07:30	☐
1104270-04	RO-S-VS-12	Soil		4/12/2011 13:30	4/13/2011 07:30	☐
1104270-05	RO-S-VS-13	Soil		4/12/2011 13:40	4/13/2011 07:30	☐
1104270-06	RO-FD-VS-13	Soil		4/12/2011 13:45	4/13/2011 07:30	☐

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: 1104270

Case Narrative

Sample Summary

Samples 1104270-04A, -05A, and -06A were run at dilution due to elevated concentrations of target analytes.

Batch R88966, Volatile Organic Compounds, Sample 1104270-02A: Surrogate 4-Bromofluorobenzene recovery exceeded the upper control limit due to matrix interference.

QC Summary

Metals by ICP-MS

Batch 32827, Method 6020, Sample 1104312-04A MS: Arsenic recovery was outside control limits due to sample matrix. RPD was with control limits exhibiting good instrument precision.

Volatile Organic Compounds

Batch R88961A, Method 8260, Sample VLCSW1-110413: 4-Methyl-2-pentanone recovery exceeded the upper control limit due to a sporadic marginal exceedance. Recoveries in the LCSD/MS/MSD were all within control.

Batch R88961A, Method 8260, Sample 1104248-03A MS/MSD: 2,2-Dichloropropane recoveries were outside control limits due to matrix interference.

Batch R88966, Method 8260, Sample VLCSW1-110414: Hexachlorobutadiene and Acetone recoveries exceeded the upper control limits due to a sporadic marginal exceedance.

Batch R88966, Method 8260, Sample VLCSDW1-110414: 2-Butanone recovery exceeded the upper control limit due to a sporadic marginal exceedance.

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Project: Reclamation Oil
WorkOrder: **1104270**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
% of sample	Percent of Sample
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-09
Collection Date: 4/12/2011 01:00 PM

Work Order: 1104270
Lab ID: 1104270-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/13/2011**	Analyst: **JD**
Aroclor 1016	ND		51	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1221	ND		51	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1232	ND		51	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1242	ND		51	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1248	ND		51	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1254	ND		51	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1260	ND		51	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1262	ND		51	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1268	ND		51	µg/Kg-dry	1	4/13/2011 02:34 PM
Surr: Decachlorobiphenyl	*93.1*		*40-140*	*%REC*	1	4/13/2011 02:34 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **RH**
Arsenic	**1.3**	J	**0.40**	**mg/Kg-dry**	2	4/14/2011 01:52 PM
Lead	**1.5**		**0.040**	**mg/Kg-dry**	2	4/14/2011 01:52 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
1,1,1-Trichloroethane	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
1,1,2,2-Tetrachloroethane	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
1,1,2-Trichloroethane	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
1,1,2-Trichlorotrifluoroethane	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
1,1-Dichloroethane	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
1,1-Dichloroethene	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
1,1-Dichloropropene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
1,2,3-Trichlorobenzene	ND		250	µg/Kg-dry	100	4/14/2011 11:40 AM
1,2,3-Trichloropropane	ND		250	µg/Kg-dry	100	4/14/2011 11:40 AM
1,2,4-Trichlorobenzene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
1,2,4-Trimethylbenzene	**630**		**130**	**µg/Kg-dry**	100	4/14/2011 11:40 AM
1,2-Dibromo-3-chloropropane	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
1,2-Dibromoethane	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
1,2-Dichlorobenzene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
1,2-Dichloroethane	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
1,2-Dichloropropane	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
1,3,5-Trimethylbenzene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
1,3-Dichlorobenzene	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
1,3-Dichloropropane	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
1,4-Dichlorobenzene	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
2,2-Dichloropropane	ND	UJ	64	µg/Kg-dry	100	4/14/2011 11:40 AM
2-Butanone	ND	UJ	950	µg/Kg-dry	100	4/14/2011 11:40 AM
2-Chlorotoluene	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM

KH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-09
Collection Date: 4/12/2011 01:00 PM

Work Order: 1104270
Lab ID: 1104270-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		640	µg/Kg-dry	100	4/14/2011 11:40 AM
2-Methylnaphthalene	ND		380	µg/Kg-dry	100	4/14/2011 11:40 AM
4-Chlorotoluene	ND		250	µg/Kg-dry	100	4/14/2011 11:40 AM
4-Methyl-2-pentanone	ND	UJ	640	µg/Kg-dry	100	4/14/2011 11:40 AM
Acetone	ND	UJ	570	µg/Kg-dry	100	4/14/2011 11:40 AM
Acrylonitrile	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Benzene	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
Bromobenzene	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
Bromochloromethane	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
Bromodichloromethane	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
Bromoform	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Carbon disulfide	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
Carbon tetrachloride	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Chlorobenzene	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
Chloroethane	ND		380	µg/Kg-dry	100	4/14/2011 11:40 AM
Chloroform	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Chloromethane	ND		380	µg/Kg-dry	100	4/14/2011 11:40 AM
cis-1,2-Dichloroethene	ND		250	µg/Kg-dry	100	4/14/2011 11:40 AM
cis-1,3-Dichloropropene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Dibromochloromethane	ND		250	µg/Kg-dry	100	4/14/2011 11:40 AM
Dibromomethane	ND		250	µg/Kg-dry	100	4/14/2011 11:40 AM
Dichlorodifluoromethane	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Diethyl ether	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Diisopropyl ether	ND		640	µg/Kg-dry	100	4/14/2011 11:40 AM
Ethyl tert butyl ether	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Ethylbenzene	ND		250	µg/Kg-dry	100	4/14/2011 11:40 AM
Heptane	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Hexachlorobutadiene	ND	UJ	130	µg/Kg-dry	100	4/14/2011 11:40 AM
Hexachloroethane	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Hexane	ND		380	µg/Kg-dry	100	4/14/2011 11:40 AM
Iodomethane	ND		320	µg/Kg-dry	100	4/14/2011 11:40 AM
Isopropylbenzene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
m,p-Xylene	ND		250	µg/Kg-dry	100	4/14/2011 11:40 AM
Methyl tert-butyl ether	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
Methylene chloride	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
n-Butylbenzene	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
n-Propylbenzene	ND		250	µg/Kg-dry	100	4/14/2011 11:40 AM
Naphthalene	**890**		**250**	**µg/Kg-dry**	100	4/14/2011 11:40 AM
o-Xylene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
p-Isopropyltoluene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM

KH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-09
Collection Date: 4/12/2011 01:00 PM

Work Order: 1104270
Lab ID: 1104270-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Styrene	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
tert-Amyl methyl ether	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
tert-Butyl alcohol	ND		640	µg/Kg-dry	100	4/14/2011 11:40 AM
tert-Butylbenzene	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
Tetrachloroethene	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
Tetrahydrofuran	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
Toluene	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
trans-1,2-Dichloroethene	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
trans-1,3-Dichloropropene	ND		190	µg/Kg-dry	100	4/14/2011 11:40 AM
trans-1,4-Dichloro-2-butene	ND		440	µg/Kg-dry	100	4/14/2011 11:40 AM
Trichloroethene	ND		64	µg/Kg-dry	100	4/14/2011 11:40 AM
Trichlorofluoromethane	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Vinyl acetate	ND		1,900	µg/Kg-dry	100	4/14/2011 11:40 AM
Vinyl chloride	ND		51	µg/Kg-dry	100	4/14/2011 11:40 AM
1,2-Dichloroethene, Total	ND		320	µg/Kg-dry	100	4/14/2011 11:40 AM
1,3-Dichloropropene, Total	ND		130	µg/Kg-dry	100	4/14/2011 11:40 AM
Xylenes, Total	ND		380	µg/Kg-dry	100	4/14/2011 11:40 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	100	4/14/2011 11:40 AM
Surr: 4-Bromofluorobenzene	*99.7*		*75-120*	*%REC*	100	4/14/2011 11:40 AM
Surr: Dibromofluoromethane	*97.6*		*85-115*	*%REC*	100	4/14/2011 11:40 AM
Surr: Toluene-d8	*98.9*		*85-115*	*%REC*	100	4/14/2011 11:40 AM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**21**		**0.050**	**% of sample**	1	4/13/2011 12:43 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-10
Collection Date: 4/12/2011 01:10 PM

Work Order: 1104270
Lab ID: 1104270-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/13/2011**	Analyst: **JD**
Aroclor 1016	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1221	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1232	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1242	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1248	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1254	**150**		**48**	**µg/Kg-dry**	1	4/13/2011 02:34 PM
Aroclor 1260	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1262	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1268	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Surr: Decachlorobiphenyl	*88.1*		*40-140*	*%REC*	1	4/13/2011 02:34 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **RH**
Arsenic	**3.8**	J	**0.40**	**mg/Kg-dry**	2	4/14/2011 01:57 PM
Lead	**5.0**		**0.040**	**mg/Kg-dry**	2	4/14/2011 01:57 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
1,1,1-Trichloroethane	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
1,1,2,2-Tetrachloroethane	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
1,1,2-Trichloroethane	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM
1,1,2-Trichlorotrifluoroethane	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
1,1-Dichloroethane	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
1,1-Dichloroethene	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM
1,1-Dichloropropene	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
1,2,3-Trichlorobenzene	ND		240	µg/Kg-dry	100	4/14/2011 01:22 PM
1,2,3-Trichloropropane	ND		240	µg/Kg-dry	100	4/14/2011 01:22 PM
1,2,4-Trichlorobenzene	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
1,2,4-Trimethylbenzene	**22,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 09:11 AM
1,2-Dibromo-3-chloropropane	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
1,2-Dibromoethane	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
1,2-Dichlorobenzene	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
1,2-Dichloroethane	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM
1,2-Dichloropropane	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM
1,3,5-Trimethylbenzene	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
1,3-Dichlorobenzene	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM
1,3-Dichloropropane	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM
1,4-Dichlorobenzene	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM
2,2-Dichloropropane	ND	UJ	61	µg/Kg-dry	100	4/14/2011 01:22 PM
2-Butanone	ND	UJ	910	µg/Kg-dry	100	4/14/2011 01:22 PM
2-Chlorotoluene	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM

KH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-10
Collection Date: 4/12/2011 01:10 PM

Work Order: 1104270
Lab ID: 1104270-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		610	µg/Kg-dry	100	4/14/2011 01:22 PM
2-Methylnaphthalene	**13,000**		**3,700**	**µg/Kg-dry**	1000	4/14/2011 09:11 AM KH
4-Chlorotoluene	ND		240	µg/Kg-dry	100	4/14/2011 01:22 PM 5/2/11
4-Methyl-2-pentanone	ND	UJ	610	µg/Kg-dry	100	4/14/2011 01:22 PM
Acetone	ND	UJ	550	µg/Kg-dry	100	4/14/2011 01:22 PM
Acrylonitrile	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Benzene	**110**		**61**	**µg/Kg-dry**	100	4/14/2011 01:22 PM
Bromobenzene	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
Bromochloromethane	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
Bromodichloromethane	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
Bromoform	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Carbon disulfide	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
Carbon tetrachloride	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Chlorobenzene	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
Chloroethane	ND		370	µg/Kg-dry	100	4/14/2011 01:22 PM
Chloroform	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Chloromethane	ND		370	µg/Kg-dry	100	4/14/2011 01:22 PM
cis-1,2-Dichloroethene	ND		240	µg/Kg-dry	100	4/14/2011 01:22 PM
cis-1,3-Dichloropropene	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Dibromochloromethane	ND		240	µg/Kg-dry	100	4/14/2011 01:22 PM
Dibromomethane	ND		240	µg/Kg-dry	100	4/14/2011 01:22 PM
Dichlorodifluoromethane	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Diethyl ether	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Diisopropyl ether	ND		610	µg/Kg-dry	100	4/14/2011 01:22 PM
Ethyl tert butyl ether	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Ethylbenzene	**9,500**		**240**	**µg/Kg-dry**	100	4/14/2011 01:22 PM
Heptane	**1,000**		**120**	**µg/Kg-dry**	100	4/14/2011 01:22 PM KH
Hexachlorobutadiene	ND	UJ	120	µg/Kg-dry	100	4/14/2011 01:22 PM 5/2/11
Hexachloroethane	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Hexane	**5,000**		**370**	**µg/Kg-dry**	100	4/14/2011 01:22 PM
Iodomethane	ND		300	µg/Kg-dry	100	4/14/2011 01:22 PM
Isopropylbenzene	**1,600**		**120**	**µg/Kg-dry**	100	4/14/2011 01:22 PM
m,p-Xylene	ND		240	µg/Kg-dry	100	4/14/2011 01:22 PM
Methyl tert-butyl ether	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
Methylene chloride	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
n-Butylbenzene	**4,600**		**61**	**µg/Kg-dry**	100	4/14/2011 01:22 PM
n-Propylbenzene	**4,400**		**240**	**µg/Kg-dry**	100	4/14/2011 01:22 PM
Naphthalene	**12,000**		**2,400**	**µg/Kg-dry**	1000	4/14/2011 09:11 AM
o-Xylene	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
p-Isopropyltoluene	**1,900**		**120**	**µg/Kg-dry**	100	4/14/2011 01:22 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-10
Collection Date: 4/12/2011 01:10 PM

Work Order: 1104270
Lab ID: 1104270-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	**1,500**		**120**	**µg/Kg-dry**	100	4/14/2011 01:22 PM
Styrene	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
tert-Amyl methyl ether	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
tert-Butyl alcohol	ND		610	µg/Kg-dry	100	4/14/2011 01:22 PM
tert-Butylbenzene	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
Tetrachloroethene	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM
Tetrahydrofuran	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
Toluene	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
trans-1,2-Dichloroethene	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
trans-1,3-Dichloropropene	ND		180	µg/Kg-dry	100	4/14/2011 01:22 PM
trans-1,4-Dichloro-2-butene	ND		430	µg/Kg-dry	100	4/14/2011 01:22 PM
Trichloroethene	ND		61	µg/Kg-dry	100	4/14/2011 01:22 PM
Trichlorofluoromethane	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Vinyl acetate	ND		1,800	µg/Kg-dry	100	4/14/2011 01:22 PM
Vinyl chloride	ND		49	µg/Kg-dry	100	4/14/2011 01:22 PM
1,2-Dichloroethene, Total	ND		300	µg/Kg-dry	100	4/14/2011 01:22 PM
1,3-Dichloropropene, Total	ND		120	µg/Kg-dry	100	4/14/2011 01:22 PM
Xylenes, Total	ND		370	µg/Kg-dry	100	4/14/2011 01:22 PM
Surr: 1,2-Dichloroethane-d4	*105*		*70-120*	*%REC*	100	4/14/2011 01:22 PM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	1000	4/14/2011 09:11 AM
Surr: 4-Bromofluorobenzene	*122*	S	*75-120*	*%REC*	100	4/14/2011 01:22 PM
Surr: 4-Bromofluorobenzene	*103*		*75-120*	*%REC*	1000	4/14/2011 09:11 AM
Surr: Dibromofluoromethane	*97.5*		*85-115*	*%REC*	100	4/14/2011 01:22 PM
Surr: Dibromofluoromethane	*99.8*		*85-115*	*%REC*	1000	4/14/2011 09:11 AM
Surr: Toluene-d8	*99.5*		*85-115*	*%REC*	1000	4/14/2011 09:11 AM
Surr: Toluene-d8	*99.3*		*85-115*	*%REC*	100	4/14/2011 01:22 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**18**		**0.050**	**% of sample**	1	4/13/2011 12:43 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-11
Collection Date: 4/12/2011 01:20 PM

Work Order: 1104270
Lab ID: 1104270-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/13/2011**	Analyst: **JD**
Aroclor 1016	ND		56	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1221	ND		56	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1232	ND		56	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1242	ND		56	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1248	ND		56	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1254	ND		56	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1260	ND		56	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1262	ND		56	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1268	ND		56	µg/Kg-dry	1	4/13/2011 02:34 PM
Surr: Decachlorobiphenyl	*78.1*		*40-140*	*%REC*	1	4/13/2011 02:34 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **RH**
Arsenic	**7.7**	J	**0.36**	**mg/Kg-dry**	2	4/14/2011 02:02 PM
Lead	**12**		**0.036**	**mg/Kg-dry**	2	4/14/2011 02:02 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
1,1,1-Trichloroethane	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
1,1,2,2-Tetrachloroethane	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
1,1,2-Trichloroethane	ND		70	µg/Kg-dry	100	4/14/2011 01:48 PM
1,1,2-Trichlorotrifluoroethane	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
1,1-Dichloroethane	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
1,1-Dichloroethene	ND		70	µg/Kg-dry	100	4/14/2011 01:48 PM
1,1-Dichloropropene	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
1,2,3-Trichlorobenzene	ND		280	µg/Kg-dry	100	4/14/2011 01:48 PM
1,2,3-Trichloropropane	ND		280	µg/Kg-dry	100	4/14/2011 01:48 PM
1,2,4-Trichlorobenzene	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
1,2,4-Trimethylbenzene	**8,200**		**140**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
1,2-Dibromo-3-chloropropane	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
1,2-Dibromoethane	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
1,2-Dichlorobenzene	**3,600**		**140**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
1,2-Dichloroethane	ND		70	µg/Kg-dry	100	4/14/2011 01:48 PM
1,2-Dichloropropane	ND		70	µg/Kg-dry	100	4/14/2011 01:48 PM
1,3,5-Trimethylbenzene	**3,600**		**140**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
1,3-Dichlorobenzene	ND		70	µg/Kg-dry	100	4/14/2011 01:48 PM
1,3-Dichloropropane	ND		70	µg/Kg-dry	100	4/14/2011 01:48 PM
1,4-Dichlorobenzene	**680**		**70**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
2,2-Dichloropropane	ND	UJ	70	µg/Kg-dry	100	4/14/2011 01:48 PM
2-Butanone	ND	UJ	1,100	µg/Kg-dry	100	4/14/2011 01:48 PM
2-Chlorotoluene	ND		70	µg/Kg-dry	100	4/14/2011 01:48 PM

RH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-11
Collection Date: 4/12/2011 01:20 PM

Work Order: 1104270
Lab ID: 1104270-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		700	µg/Kg-dry	100	4/14/2011 01:48 PM
2-Methylnaphthalene	**7,900**		**420**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
4-Chlorotoluene	ND		280	µg/Kg-dry	100	4/14/2011 01:48 PM
4-Methyl-2-pentanone	ND	UJ	700	µg/Kg-dry	100	4/14/2011 01:48 PM
Acetone	ND	UJ	630	µg/Kg-dry	100	4/14/2011 01:48 PM
Acrylonitrile	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Benzene	**180**		**70**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
Bromobenzene	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
Bromochloromethane	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
Bromodichloromethane	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
Bromoform	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Carbon disulfide	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
Carbon tetrachloride	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Chlorobenzene	**1,600**		**210**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
Chloroethane	ND		420	µg/Kg-dry	100	4/14/2011 01:48 PM
Chloroform	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Chloromethane	ND		420	µg/Kg-dry	100	4/14/2011 01:48 PM
cis-1,2-Dichloroethene	ND		280	µg/Kg-dry	100	4/14/2011 01:48 PM
cis-1,3-Dichloropropene	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Dibromochloromethane	ND		280	µg/Kg-dry	100	4/14/2011 01:48 PM
Dibromomethane	ND		280	µg/Kg-dry	100	4/14/2011 01:48 PM
Dichlorodifluoromethane	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Diethyl ether	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Diisopropyl ether	ND		700	µg/Kg-dry	100	4/14/2011 01:48 PM
Ethyl tert butyl ether	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Ethylbenzene	**1,300**		**280**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
Heptane	**450**		**140**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
Hexachlorobutadiene	ND	UJ	140	µg/Kg-dry	100	4/14/2011 01:48 PM
Hexachloroethane	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Hexane	**1,200**		**420**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
Iodomethane	ND		350	µg/Kg-dry	100	4/14/2011 01:48 PM
Isopropylbenzene	**2,600**		**140**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
m,p-Xylene	**3,400**		**280**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
Methyl tert-butyl ether	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
Methylene chloride	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
n-Butylbenzene	**2,200**		**70**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
n-Propylbenzene	**5,800**		**280**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
Naphthalene	**14,000**		**2,800**	**µg/Kg-dry**	1000	4/14/2011 09:38 AM
o-Xylene	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
p-Isopropyltoluene	**6,500**		**140**	**µg/Kg-dry**	100	4/14/2011 01:48 PM

KA 5/2/11

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-11
Collection Date: 4/12/2011 01:20 PM

Work Order: 1104270
Lab ID: 1104270-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	**990**		**140**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
Styrene	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
tert-Amyl methyl ether	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
tert-Butyl alcohol	ND		700	µg/Kg-dry	100	4/14/2011 01:48 PM
tert-Butylbenzene	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
Tetrachloroethene	ND		70	µg/Kg-dry	100	4/14/2011 01:48 PM
Tetrahydrofuran	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
Toluene	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
trans-1,2-Dichloroethene	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
trans-1,3-Dichloropropene	ND		210	µg/Kg-dry	100	4/14/2011 01:48 PM
trans-1,4-Dichloro-2-butene	ND		490	µg/Kg-dry	100	4/14/2011 01:48 PM
Trichloroethene	ND		70	µg/Kg-dry	100	4/14/2011 01:48 PM
Trichlorofluoromethane	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Vinyl acetate	ND		2,100	µg/Kg-dry	100	4/14/2011 01:48 PM
Vinyl chloride	ND		56	µg/Kg-dry	100	4/14/2011 01:48 PM
1,2-Dichloroethene, Total	ND		350	µg/Kg-dry	100	4/14/2011 01:48 PM
1,3-Dichloropropene, Total	ND		140	µg/Kg-dry	100	4/14/2011 01:48 PM
Xylenes, Total	**3,500**		**420**	**µg/Kg-dry**	100	4/14/2011 01:48 PM
Surr: 1,2-Dichloroethane-d4	*99.9*		*70-120*	*%REC*	100	4/14/2011 01:48 PM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	1000	4/14/2011 09:38 AM
Surr: 4-Bromofluorobenzene	*103*		*75-120*	*%REC*	100	4/14/2011 01:48 PM
Surr: 4-Bromofluorobenzene	*100*		*75-120*	*%REC*	1000	4/14/2011 09:38 AM
Surr: Dibromofluoromethane	*94.5*		*85-115*	*%REC*	100	4/14/2011 01:48 PM
Surr: Dibromofluoromethane	*98.5*		*85-115*	*%REC*	1000	4/14/2011 09:38 AM
Surr: Toluene-d8	*99.5*		*85-115*	*%REC*	1000	4/14/2011 09:38 AM
Surr: Toluene-d8	*98.5*		*85-115*	*%REC*	100	4/14/2011 01:48 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**29**		**0.050**	**% of sample**	1	4/13/2011 12:43 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-12
Collection Date: 4/12/2011 01:30 PM

Work Order: 1104270
Lab ID: 1104270-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/13/2011**	Analyst: **JD**
Aroclor 1016	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1221	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1232	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1242	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1248	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1254	**110**		**48**	**µg/Kg-dry**	1	4/13/2011 02:34 PM
Aroclor 1260	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1262	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1268	ND		48	µg/Kg-dry	1	4/13/2011 02:34 PM
Surr: Decachlorobiphenyl	*74.1*		*40-140*	*%REC*	1	4/13/2011 02:34 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **RH** KH
Arsenic	**1.5**	J	**0.27**	**mg/Kg-dry**	2	4/14/2011 02:07 PM 5/2/11
Lead	**2.7**		**0.027**	**mg/Kg-dry**	2	4/14/2011 02:07 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **MK**
1,1,1,2-Tetrachloroethane	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,1,1-Trichloroethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,1,2,2-Tetrachloroethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,1,2-Trichloroethane	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,1,2-Trichlorotrifluoroethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,1-Dichloroethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,1-Dichloroethene	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,1-Dichloropropene	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,2,3-Trichlorobenzene	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,2,3-Trichloropropane	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,2,4-Trichlorobenzene	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,2,4-Trimethylbenzene	**140,000**		**12,000**	**µg/Kg-dry**	10000	4/14/2011 12:06 PM
1,2-Dibromo-3-chloropropane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,2-Dibromoethane	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,2-Dichlorobenzene	**12,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
1,2-Dichloroethane	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,2-Dichloropropane	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,3,5-Trimethylbenzene	**54,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
1,3-Dichlorobenzene	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,3-Dichloropropane	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,4-Dichlorobenzene	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
2,2-Dichloropropane	ND	UJ	610	µg/Kg-dry	1000	4/14/2011 10:05 AM KH
2-Butanone	ND	UJ	9,200	µg/Kg-dry	1000	4/14/2011 10:05 AM 5/2/11
2-Chlorotoluene	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-12
Collection Date: 4/12/2011 01:30 PM

Work Order: 1104270
Lab ID: 1104270-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		6,100	µg/Kg-dry	1000	4/14/2011 10:05 AM
2-Methylnaphthalene	**66,000**		**3,700**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
4-Chlorotoluene	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:05 AM
4-Methyl-2-pentanone	ND	UJ	6,100	µg/Kg-dry	1000	4/14/2011 10:05 AM
Acetone	ND	UJ	5,500	µg/Kg-dry	1000	4/14/2011 10:05 AM
Acrylonitrile	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Benzene	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
Bromobenzene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
Bromochloromethane	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
Bromodichloromethane	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
Bromoform	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Carbon disulfide	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
Carbon tetrachloride	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Chlorobenzene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
Chloroethane	ND		3,700	µg/Kg-dry	1000	4/14/2011 10:05 AM
Chloroform	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Chloromethane	ND		3,700	µg/Kg-dry	1000	4/14/2011 10:05 AM
cis-1,2-Dichloroethene	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:05 AM
cis-1,3-Dichloropropene	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Dibromochloromethane	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:05 AM
Dibromomethane	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:05 AM
Dichlorodifluoromethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Diethyl ether	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Diisopropyl ether	ND		6,100	µg/Kg-dry	1000	4/14/2011 10:05 AM
Ethyl tert butyl ether	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Ethylbenzene	**120,000**		**25,000**	**µg/Kg-dry**	10000	4/14/2011 12:06 PM
Heptane	**18,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
Hexachlorobutadiene	ND	UJ	1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Hexachloroethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Hexane	**39,000**		**3,700**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
Iodomethane	ND		3,100	µg/Kg-dry	1000	4/14/2011 10:05 AM
Isopropylbenzene	**13,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
m,p-Xylene	**500,000**		**25,000**	**µg/Kg-dry**	10000	4/14/2011 12:06 PM
Methyl tert-butyl ether	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
Methylene chloride	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
n-Butylbenzene	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
n-Propylbenzene	**28,000**		**2,500**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
Naphthalene	**50,000**		**2,500**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
o-Xylene	**190,000**		**12,000**	**µg/Kg-dry**	10000	4/14/2011 12:06 PM
p-Isopropyltoluene	**15,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM

KH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-12
Collection Date: 4/12/2011 01:30 PM

Work Order: 1104270
Lab ID: 1104270-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	**5,900**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
Styrene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
tert-Amyl methyl ether	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
tert-Butyl alcohol	ND		6,100	µg/Kg-dry	1000	4/14/2011 10:05 AM
tert-Butylbenzene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
Tetrachloroethene	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
Tetrahydrofuran	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
Toluene	**35,000**		**1,800**	**µg/Kg-dry**	1000	4/14/2011 10:05 AM
trans-1,2-Dichloroethene	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
trans-1,3-Dichloropropene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:05 AM
trans-1,4-Dichloro-2-butene	ND		4,300	µg/Kg-dry	1000	4/14/2011 10:05 AM
Trichloroethene	ND		610	µg/Kg-dry	1000	4/14/2011 10:05 AM
Trichlorofluoromethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Vinyl acetate	ND		18,000	µg/Kg-dry	1000	4/14/2011 10:05 AM
Vinyl chloride	ND		490	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,2-Dichloroethene, Total	ND		3,100	µg/Kg-dry	1000	4/14/2011 10:05 AM
1,3-Dichloropropene, Total	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:05 AM
Xylenes, Total	**690,000**		**37,000**	**µg/Kg-dry**	10000	4/14/2011 12:06 PM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	10000	4/14/2011 12:06 PM
Surr: 1,2-Dichloroethane-d4	*101*		*70-120*	*%REC*	1000	4/14/2011 10:05 AM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	10000	4/14/2011 12:06 PM
Surr: 4-Bromofluorobenzene	*106*		*75-120*	*%REC*	1000	4/14/2011 10:05 AM
Surr: Dibromofluoromethane	*100*		*85-115*	*%REC*	10000	4/14/2011 12:06 PM
Surr: Dibromofluoromethane	*99.3*		*85-115*	*%REC*	1000	4/14/2011 10:05 AM
Surr: Toluene-d8	*99.9*		*85-115*	*%REC*	1000	4/14/2011 10:05 AM
Surr: Toluene-d8	*98.6*		*85-115*	*%REC*	10000	4/14/2011 12:06 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**19**		**0.050**	**% of sample**	1	4/13/2011 12:43 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-13
Collection Date: 4/12/2011 01:40 PM

Work Order: 1104270
Lab ID: 1104270-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/13/2011**	Analyst: **JD**
Aroclor 1016	ND		50	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1221	ND		50	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1232	ND		50	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1242	ND		50	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1248	ND		50	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1254	ND		50	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1260	ND		50	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1262	ND		50	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1268	ND		50	µg/Kg-dry	1	4/13/2011 02:34 PM
Surr: Decachlorobiphenyl	*88.1*		*40-140*	*%REC*	1	4/13/2011 02:34 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **RH**
Arsenic	**0.60**	J	**0.33**	**mg/Kg-dry**	2	4/14/2011 02:13 PM
Lead	**1.3**		**0.033**	**mg/Kg-dry**	2	4/14/2011 02:13 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **MK**
1,1,1,2-Tetrachloroethane	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,1,1-Trichloroethane	**8,400**		**1,300**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
1,1,2,2-Tetrachloroethane	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,1,2-Trichloroethane	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,1,2-Trichlorotrifluoroethane	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,1-Dichloroethane	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,1-Dichloroethene	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,1-Dichloropropene	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,2,3-Trichlorobenzene	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,2,3-Trichloropropane	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,2,4-Trichlorobenzene	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,2,4-Trimethylbenzene	**190,000**		**13,000**	**µg/Kg-dry**	10000	4/14/2011 12:31 PM
1,2-Dibromo-3-chloropropane	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,2-Dibromoethane	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,2-Dichlorobenzene	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,2-Dichloroethane	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,2-Dichloropropane	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,3,5-Trimethylbenzene	**68,000**		**1,300**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
1,3-Dichlorobenzene	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,3-Dichloropropane	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,4-Dichlorobenzene	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
2,2-Dichloropropane	ND	UJ	630	µg/Kg-dry	1000	4/14/2011 10:32 AM
2-Butanone	ND	UJ	9,500	µg/Kg-dry	1000	4/14/2011 10:32 AM
2-Chlorotoluene	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM

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Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-13
Collection Date: 4/12/2011 01:40 PM

Work Order: 1104270
Lab ID: 1104270-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		6,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
2-Methylnaphthalene	**58,000**		**3,800**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
4-Chlorotoluene	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:32 AM
4-Methyl-2-pentanone	ND	UJ	6,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Acetone	ND	UJ	5,700	µg/Kg-dry	1000	4/14/2011 10:32 AM
Acrylonitrile	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Benzene	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
Bromobenzene	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
Bromochloromethane	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
Bromodichloromethane	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
Bromoform	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Carbon disulfide	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
Carbon tetrachloride	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Chlorobenzene	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
Chloroethane	ND		3,800	µg/Kg-dry	1000	4/14/2011 10:32 AM
Chloroform	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Chloromethane	ND		3,800	µg/Kg-dry	1000	4/14/2011 10:32 AM
cis-1,2-Dichloroethene	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:32 AM
cis-1,3-Dichloropropene	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Dibromochloromethane	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:32 AM
Dibromomethane	ND		2,500	µg/Kg-dry	1000	4/14/2011 10:32 AM
Dichlorodifluoromethane	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Diethyl ether	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Diisopropyl ether	ND		6,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Ethyl tert butyl ether	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Ethylbenzene	**84,000**		**2,500**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
Heptane	**13,000**		**1,300**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
Hexachlorobutadiene	ND	UJ	1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Hexachloroethane	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Hexane	**36,000**		**3,800**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
Iodomethane	ND		3,200	µg/Kg-dry	1000	4/14/2011 10:32 AM
Isopropylbenzene	**19,000**		**1,300**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
m,p-Xylene	**300,000**		**25,000**	**µg/Kg-dry**	10000	4/14/2011 12:31 PM
Methyl tert-butyl ether	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
Methylene chloride	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
n-Butylbenzene	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
n-Propylbenzene	**50,000**		**2,500**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
Naphthalene	**56,000**		**2,500**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
o-Xylene	**150,000**		**13,000**	**µg/Kg-dry**	10000	4/14/2011 12:31 PM
p-Isopropyltoluene	**300,000**		**13,000**	**µg/Kg-dry**	10000	4/14/2011 12:31 PM

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Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-13
Collection Date: 4/12/2011 01:40 PM

Work Order: 1104270
Lab ID: 1104270-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	**5,100**		**1,300**	**µg/Kg-dry**	1000	4/14/2011 10:32 AM
Styrene	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
tert-Amyl methyl ether	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
tert-Butyl alcohol	ND		6,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
tert-Butylbenzene	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
Tetrachloroethene	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
Tetrahydrofuran	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
Toluene	**200,000**		**19,000**	**µg/Kg-dry**	10000	4/14/2011 12:31 PM
trans-1,2-Dichloroethene	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
trans-1,3-Dichloropropene	ND		1,900	µg/Kg-dry	1000	4/14/2011 10:32 AM
trans-1,4-Dichloro-2-butene	ND		4,400	µg/Kg-dry	1000	4/14/2011 10:32 AM
Trichloroethene	ND		630	µg/Kg-dry	1000	4/14/2011 10:32 AM
Trichlorofluoromethane	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Vinyl acetate	ND		19,000	µg/Kg-dry	1000	4/14/2011 10:32 AM
Vinyl chloride	ND		510	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,2-Dichloroethene, Total	ND		3,200	µg/Kg-dry	1000	4/14/2011 10:32 AM
1,3-Dichloropropene, Total	ND		1,300	µg/Kg-dry	1000	4/14/2011 10:32 AM
Xylenes, Total	**450,000**		**38,000**	**µg/Kg-dry**	10000	4/14/2011 12:31 PM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	10000	4/14/2011 12:31 PM
Surr: 1,2-Dichloroethane-d4	*96.5*		*70-120*	*%REC*	1000	4/14/2011 10:32 AM
Surr: 4-Bromofluorobenzene	*101*		*75-120*	*%REC*	10000	4/14/2011 12:31 PM
Surr: 4-Bromofluorobenzene	*106*		*75-120*	*%REC*	1000	4/14/2011 10:32 AM
Surr: Dibromofluoromethane	*101*		*85-115*	*%REC*	10000	4/14/2011 12:31 PM
Surr: Dibromofluoromethane	*97.4*		*85-115*	*%REC*	1000	4/14/2011 10:32 AM
Surr: Toluene-d8	*100*		*85-115*	*%REC*	1000	4/14/2011 10:32 AM
Surr: Toluene-d8	*98.7*		*85-115*	*%REC*	10000	4/14/2011 12:31 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**21**		**0.050**	**% of sample**	1	4/13/2011 12:43 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-13
Collection Date: 4/12/2011 01:45 PM

Work Order: 1104270
Lab ID: 1104270-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/13/2011**	Analyst: **JD**
Aroclor 1016	ND		44	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1221	ND		44	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1232	ND		44	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1242	ND		44	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1248	ND		44	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1254	ND		44	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1260	ND		44	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1262	ND		44	µg/Kg-dry	1	4/13/2011 02:34 PM
Aroclor 1268	ND		44	µg/Kg-dry	1	4/13/2011 02:34 PM
Surr: Decachlorobiphenyl	*82.1*		*40-140*	*%REC*	1	4/13/2011 02:34 PM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **RH**
Arsenic	**0.56**	J	**0.28**	**mg/Kg-dry**	2	4/14/2011 02:18 PM
Lead	**1.2**		**0.028**	**mg/Kg-dry**	2	4/14/2011 02:18 PM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **MK**
1,1,1,2-Tetrachloroethane	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,1,1-Trichloroethane	**6,200**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
1,1,2,2-Tetrachloroethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,1,2-Trichloroethane	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,1,2-Trichlorotrifluoroethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,1-Dichloroethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,1-Dichloroethene	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,1-Dichloropropene	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,2,3-Trichlorobenzene	ND		2,300	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,2,3-Trichloropropane	ND		2,300	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,2,4-Trichlorobenzene	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,2,4-Trimethylbenzene	**110,000**		**12,000**	**µg/Kg-dry**	10000	4/14/2011 12:57 PM
1,2-Dibromo-3-chloropropane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,2-Dibromoethane	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,2-Dichlorobenzene	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,2-Dichloroethane	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,2-Dichloropropane	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,3,5-Trimethylbenzene	**46,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
1,3-Dichlorobenzene	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,3-Dichloropropane	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,4-Dichlorobenzene	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
2,2-Dichloropropane	ND	UJ	590	µg/Kg-dry	1000	4/14/2011 10:59 AM
2-Butanone	ND	UJ	8,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
2-Chlorotoluene	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM

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Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-13
Collection Date: 4/12/2011 01:45 PM

Work Order: 1104270
Lab ID: 1104270-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		5,900	µg/Kg-dry	1000	4/14/2011 10:59 AM
2-Methylnaphthalene	**36,000**		**3,500**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
4-Chlorotoluene	ND		2,300	µg/Kg-dry	1000	4/14/2011 10:59 AM
4-Methyl-2-pentanone	ND	UJ	5,900	µg/Kg-dry	1000	4/14/2011 10:59 AM
Acetone	ND	UJ	5,300	µg/Kg-dry	1000	4/14/2011 10:59 AM
Acrylonitrile	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Benzene	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
Bromobenzene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
Bromochloromethane	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
Bromodichloromethane	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
Bromoform	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Carbon disulfide	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
Carbon tetrachloride	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Chlorobenzene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
Chloroethane	ND		3,500	µg/Kg-dry	1000	4/14/2011 10:59 AM
Chloroform	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Chloromethane	ND		3,500	µg/Kg-dry	1000	4/14/2011 10:59 AM
cis-1,2-Dichloroethene	ND		2,300	µg/Kg-dry	1000	4/14/2011 10:59 AM
cis-1,3-Dichloropropene	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Dibromochloromethane	ND		2,300	µg/Kg-dry	1000	4/14/2011 10:59 AM
Dibromomethane	ND		2,300	µg/Kg-dry	1000	4/14/2011 10:59 AM
Dichlorodifluoromethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Diethyl ether	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Diisopropyl ether	ND		5,900	µg/Kg-dry	1000	4/14/2011 10:59 AM
Ethyl tert butyl ether	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Ethylbenzene	**56,000**		**2,300**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
Heptane	**6,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
Hexachlorobutadiene	ND	UJ	1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Hexachloroethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Hexane	**21,000**		**3,500**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
Iodomethane	ND		2,900	µg/Kg-dry	1000	4/14/2011 10:59 AM
Isopropylbenzene	**12,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
m,p-Xylene	**210,000**		**2,300**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
Methyl tert-butyl ether	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
Methylene chloride	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
n-Butylbenzene	**24,000**		**590**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
n-Propylbenzene	**32,000**		**2,300**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
Naphthalene	**38,000**		**2,300**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
o-Xylene	**99,000**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
p-Isopropyltoluene	**180,000**		**12,000**	**µg/Kg-dry**	10000	4/14/2011 12:57 PM

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Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-13
Collection Date: 4/12/2011 01:45 PM

Work Order: 1104270
Lab ID: 1104270-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	**3,300**		**1,200**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
Styrene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
tert-Amyl methyl ether	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
tert-Butyl alcohol	ND		5,900	µg/Kg-dry	1000	4/14/2011 10:59 AM
tert-Butylbenzene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
Tetrachloroethene	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
Tetrahydrofuran	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
Toluene	**120,000**		**18,000**	**µg/Kg-dry**	10000	4/14/2011 12:57 PM
trans-1,2-Dichloroethene	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
trans-1,3-Dichloropropene	ND		1,800	µg/Kg-dry	1000	4/14/2011 10:59 AM
trans-1,4-Dichloro-2-butene	ND		4,100	µg/Kg-dry	1000	4/14/2011 10:59 AM
Trichloroethene	ND		590	µg/Kg-dry	1000	4/14/2011 10:59 AM
Trichlorofluoromethane	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Vinyl acetate	ND		18,000	µg/Kg-dry	1000	4/14/2011 10:59 AM
Vinyl chloride	ND		470	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,2-Dichloroethene, Total	ND		2,900	µg/Kg-dry	1000	4/14/2011 10:59 AM
1,3-Dichloropropene, Total	ND		1,200	µg/Kg-dry	1000	4/14/2011 10:59 AM
Xylenes, Total	**300,000**		**3,500**	**µg/Kg-dry**	1000	4/14/2011 10:59 AM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	10000	4/14/2011 12:57 PM
Surr: 1,2-Dichloroethane-d4	*95.1*		*70-120*	*%REC*	1000	4/14/2011 10:59 AM
Surr: 4-Bromofluorobenzene	*99.9*		*75-120*	*%REC*	10000	4/14/2011 12:57 PM
Surr: 4-Bromofluorobenzene	*103*		*75-120*	*%REC*	1000	4/14/2011 10:59 AM
Surr: Dibromofluoromethane	*104*		*85-115*	*%REC*	10000	4/14/2011 12:57 PM
Surr: Dibromofluoromethane	*97.9*		*85-115*	*%REC*	1000	4/14/2011 10:59 AM
Surr: Toluene-d8	*101*		*85-115*	*%REC*	1000	4/14/2011 10:59 AM
Surr: Toluene-d8	*97.8*		*85-115*	*%REC*	10000	4/14/2011 12:57 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**15**		**0.050**	**% of sample**	1	4/13/2011 12:43 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32797** Instrument ID **GC4** Method: **SW8082**

MBLK Sample ID: **PBLKS1-32797-32797** Units: **µg/Kg** Analysis Date: **4/13/2011 02:34 PM**

Client ID: Run ID: **GC4_110413A** SeqNo: **1599235** Prep Date: **4/13/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	40								
Aroclor 1221	ND	40								
Aroclor 1232	ND	40								
Aroclor 1242	ND	40								
Aroclor 1248	ND	40								
Aroclor 1254	ND	40								
Aroclor 1260	ND	40								
Aroclor 1262	ND	40								
Aroclor 1268	ND	40								
Surr: Decachlorobiphenyl	*29.33*	0	*33.3*	0	*88.1*	*50-130*	0			

LCS Sample ID: **PLCSS1-32797-32797** Units: **µg/Kg** Analysis Date: **4/13/2011 02:34 PM**

Client ID: Run ID: **GC4_110413A** SeqNo: **1599237** Prep Date: **4/13/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	824	40	833	0	98.9	50-130	0			
Aroclor 1260	818	40	833	0	98.2	50-130	0			
Surr: Decachlorobiphenyl	*31.67*	0	*33.3*	0	*95.1*	*50-130*	0			

LCSD Sample ID: **PLCSDS1-32797-32797** Units: **µg/Kg** Analysis Date: **4/13/2011 02:34 PM**

Client ID: Run ID: **GC4_110413A** SeqNo: **1599236** Prep Date: **4/13/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	832	40	833	0	99.9	50-130	824	0.966	25	
Aroclor 1260	825	40	833	0	99	50-130	818	0.852	25	
Surr: Decachlorobiphenyl	*30.33*	0	*33.3*	0	*91.1*	*50-130*	31.67	*4.3*	*25*	

MS Sample ID: **1104270-01B MS** Units: **µg/Kg** Analysis Date: **4/13/2011 02:34 PM**

Client ID: **RO-S-VS-09** Run ID: **GC4_110413A** SeqNo: **1599228** Prep Date: **4/13/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	879.3	40	827.3	0	106	40-140	0			
Aroclor 1260	910.4	40	827.3	0	110	40-140	0			
Surr: Decachlorobiphenyl	*24.5*	0	*33.07*	0	*74.1*	*40-140*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32797** Instrument ID **GC4** Method: **SW8082**

MSD Sample ID: **1104270-01B MSD** Units: **µg/Kg** Analysis Date: **4/13/2011 02:34 PM**

Client ID: **RO-S-VS-09** Run ID: **GC4_110413A** SeqNo: **1599229** Prep Date: **4/13/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	742.8	38	788.9	0	94.2	40-140	879.3	16.8	50	
Aroclor 1260	848.9	38	788.9	0	108	40-140	910.4	7	50	
Surr: Decachlorobiphenyl	*29.36*	0	*31.54*	0	*93.1*	*40-140*	24.5	*18*	*50*	

The following samples were analyzed in this batch:

1104270-01B	1104270-02B	1104270-03B
1104270-04B	1104270-05B	1104270-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32827** Instrument ID **ICPMS2** Method: **SW6020A**

MBLK Sample ID: **MBLK-32827-32827** Units: **mg/Kg** Analysis Date: **4/14/2011 01:38 PM**
Client ID: Run ID: **ICPMS2_110414A** SeqNo: **1599546** Prep Date: **4/14/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.01538	0.25								J
Lead	ND	0.25								

LCS Sample ID: **LCS-32827-32827** Units: **mg/Kg** Analysis Date: **4/14/2011 01:43 PM**
Client ID: Run ID: **ICPMS2_110414A** SeqNo: **1599548** Prep Date: **4/14/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.691	0.50	5	0	93.8	80-120	0			
Lead	4.181	0.50	5	0	83.6	80-120	0			

LCSD Sample ID: **LCSD-32827-32827** Units: **mg/Kg** Analysis Date: **4/14/2011 01:47 PM**
Client ID: Run ID: **ICPMS2_110414A** SeqNo: **1599550** Prep Date: **4/14/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.704	0.50	5	0	94.1	80-120	4.691	0.277	20	
Lead	4.2	0.50	5	0	84	80-120	4.181	0.453	20	

MS Sample ID: **1104312-04AMS** Units: **mg/Kg** Analysis Date: **4/14/2011 02:57 PM**
Client ID: Run ID: **ICPMS2_110414A** SeqNo: **1599629** Prep Date: **4/14/2011** DF: **4**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	12.67	1.5	7.342	7.076	76.2	80-120	0			S
Lead	11.37	1.5	7.342	5.331	82.2	80-120	0			

MSD Sample ID: **1104312-04AMSD** Units: **mg/Kg** Analysis Date: **4/14/2011 03:02 PM**
Client ID: Run ID: **ICPMS2_110414A** SeqNo: **1599631** Prep Date: **4/14/2011** DF: **4**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	13.31	1.5	7.353	7.076	84.8	80-120	12.67	4.94	25	
Lead	11.62	1.5	7.353	5.331	85.5	80-120	11.37	2.22	25	

The following samples were analyzed in this batch:

1104270-01B	1104270-02B	1104270-03B
1104270-04B	1104270-05B	1104270-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

MBLK Sample ID: **VBLKW2-110413-R88961A** Units: **µg/L** Analysis Date: **4/14/2011 02:26 AM**

Client ID: Run ID: **VMS8_110413A** SeqNo: **1598743** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

cis-1,3-Dichloropropene	ND	1.0						
Dibromochloromethane	ND	1.0						
Dibromomethane	ND	1.0						
Dichlorodifluoromethane	ND	1.0						
Diethyl ether	ND	10						
Diisopropyl ether	ND	5.0						
Ethyl tert butyl ether	ND	5.0						
Ethylbenzene	ND	1.0						
Hexachlorobutadiene	ND	5.0						
Hexachloroethane	ND	1.0						
Hexane	ND	5.0						
Iodomethane	ND	5.0						
Isopropylbenzene	ND	1.0						
m,p-Xylene	ND	2.0						
Methyl tert-butyl ether	ND	5.0						
Methylene chloride	ND	5.0						
n-Butylbenzene	ND	1.0						
n-Propylbenzene	ND	1.0						
Naphthalene	1.24	5.0						J
o-Xylene	ND	1.0						
p-Isopropyltoluene	ND	2.0						
sec-Butylbenzene	ND	2.0						
Styrene	ND	1.0						
tert-Butyl alcohol	ND	50						
tert-Butylbenzene	ND	2.0						
Tetrachloroethene	ND	2.0						
Tetrahydrofuran	ND	10						
Toluene	ND	1.0						
trans-1,2-Dichloroethene	ND	1.0						
trans-1,3-Dichloropropene	ND	1.0						
trans-1,4-Dichloro-2-butene	ND	5.0						
Trichloroethene	ND	1.0						
Trichlorofluoromethane	ND	1.0						
Vinyl acetate	ND	1.0						
Vinyl chloride	ND	1.0						
1,2-Dichloroethene, Total	ND	2.0						
1,3-Dichloropropene, Total	ND	2.0						
Xylenes, Total	ND	2.0						
Surr: 1,2-Dichloroethane-d4	*101*	0	*100*	0	*101*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*97.3*	0	*100*	0	*97.3*	*75-120*	0	
Surr: Dibromofluoromethane	*101.1*	0	*100*	0	*101*	*85-115*	0	
Surr: Toluene-d8	*99.32*	0	*100*	0	*99.3*	*85-120*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

LCS Sample ID: **VLCSW1-110413-R88961A** Units: **µg/L** Analysis Date: **4/14/2011 01:05 AM**

Client ID: Run ID: **VMS8_110413A** SeqNo: **1598741** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.3	1.0	20	0	102	80-130	0			
1,1,1-Trichloroethane	21.55	1.0	20	0	108	65-130	0			
1,1,2,2-Tetrachloroethane	21.35	1.0	20	0	107	65-130	0			
1,1,2-Trichloroethane	20.38	1.0	20	0	102	75-125	0			
1,1-Dichloroethane	21.41	1.0	20	0	107	70-135	0			
1,1-Dichloroethene	23.57	1.0	20	0	118	70-130	0			
1,1-Dichloropropene	22.02	1.0	20	0	110	75-130	0			
1,2,3-Trichlorobenzene	23.74	3.0	20	0	119	55-140	0			
1,2,3-Trichloropropane	21.51	1.0	20	0	108	75-125	0			
1,2,4-Trichlorobenzene	22.43	1.0	20	0	112	65-135	0			
1,2,4-Trimethylbenzene	22.06	1.0	20	0	110	75-130	0			
1,2-Dibromo-3-chloropropane	21.98	1.0	20	0	110	50-130	0			
1,2-Dibromoethane	20.97	1.0	20	0	105	80-120	0			
1,2-Dichlorobenzene	21.78	1.0	20	0	109	70-120	0			
1,2-Dichloroethane	21.43	1.0	20	0	107	70-130	0			
1,2-Dichloropropane	22.27	2.0	20	0	111	75-125	0			
1,3,5-Trimethylbenzene	22.3	1.0	20	0	112	75-130	0			
1,3-Dichlorobenzene	21.42	2.0	20	0	107	75-125	0			
1,3-Dichloropropane	21.83	1.0	20	0	109	75-125	0			
1,4-Dichlorobenzene	21.46	2.0	20	0	107	75-125	0			
2,2-Dichloropropane	18.74	1.0	20	0	93.7	70-135	0			
2-Butanone	22.33	5.0	20	0	112	30-150	0			
2-Chlorotoluene	21.77	2.0	20	0	109	75-125	0			
2-Hexanone	21.67	5.0	20	0	108	55-130	0			
4-Chlorotoluene	21.68	1.0	20	0	108	75-135	0			
4-Methyl-2-pentanone	28.62	5.0	20	0	143	60-135	0			S
Acetone	23.07	20	20	0	115	40-140	0			
Acrylonitrile	20.6	1.0	20	0	103	70-135	0			
Benzene	21.9	1.0	20	0	110	80-120	0			
Bromobenzene	21.22	1.0	20	0	106	75-125	0			
Bromochloromethane	20.98	1.0	20	0	105	65-130	0			
Bromodichloromethane	19.88	1.0	20	0	99.4	75-120	0			
Bromoform	21.14	1.0	20	0	106	70-130	0			
Carbon disulfide	22.2	2.5	20	0	111	35-165	0			
Carbon tetrachloride	20.87	1.0	20	0	104	65-140	0			
Chlorobenzene	21.73	1.0	20	0	109	80-120	0			
Chloroethane	20.69	1.0	20	0	103	60-135	0			
Chloroform	20.93	1.0	20	0	105	65-135	0			
Chloromethane	20.17	1.0	20	0	101	70-125	0			
cis-1,2-Dichloroethene	21.84	1.0	20	0	109	70-125	0			
cis-1,3-Dichloropropene	20.29	1.0	20	0	101	70-130	0			
Dibromochloromethane	19.5	1.0	20	0	97.5	60-135	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

Dibromomethane	20.27	1.0	20	0	101	75-125	0
Dichlorodifluoromethane	21.36	1.0	20	0	107	30-155	0
Ethylbenzene	21.96	1.0	20	0	110	75-125	0
Hexachlorobutadiene	25.64	5.0	20	0	128	50-140	0
Hexachloroethane	20.04	1.0	20	0	100	70-135	0
Iodomethane	19.71	5.0	20	0	98.6	70-135	0
Isopropylbenzene	21.24	1.0	20	0	106	75-125	0
m,p-Xylene	44.03	2.0	40	0	110	75-130	0
Methyl tert-butyl ether	21.27	5.0	20	0	106	65-125	0
Methylene chloride	21.34	5.0	20	0	107	55-140	0
n-Butylbenzene	22.65	1.0	20	0	113	70-135	0
n-Propylbenzene	22.17	1.0	20	0	111	70-130	0
Naphthalene	24.12	5.0	20	0	121	55-140	0
o-Xylene	20.99	1.0	20	0	105	80-120	0
p-Isopropyltoluene	20.73	2.0	20	0	104	75-130	0
sec-Butylbenzene	21.39	2.0	20	0	107	70-125	0
Styrene	20.76	1.0	20	0	104	65-135	0
tert-Butylbenzene	22.36	2.0	20	0	112	70-130	0
Tetrachloroethene	22.52	2.0	20	0	113	45-150	0
Tetrahydrofuran	21.43	10	20	0	107	70-135	0
Toluene	21.16	1.0	20	0	106	75-120	0
trans-1,2-Dichloroethene	22.81	1.0	20	0	114	60-140	0
trans-1,3-Dichloropropene	19.83	1.0	20	0	99.2	55-140	0
trans-1,4-Dichloro-2-butene	17.56	5.0	20	0	87.8	70-135	0
Trichloroethene	22.53	1.0	20	0	113	70-125	0
Trichlorofluoromethane	18.5	1.0	20	0	92.5	60-145	0
Vinyl chloride	23.31	1.0	20	0	117	50-145	0
Xylenes, Total	65.02	2.0	60	0	108	75-130	0
Surr: 1,2-Dichloroethane-d4	*99.82*	0	*100*	0	*99.8*	*70-120*	0
Surr: 4-Bromofluorobenzene	*101*	0	*100*	0	*101*	*75-120*	0
Surr: Dibromofluoromethane	*101.4*	0	*100*	0	*101*	*85-115*	0
Surr: Toluene-d8	*99.7*	0	*100*	0	*99.7*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110413-R88961A** Units: **µg/L** Analysis Date: **4/14/2011 01:32 AM**

Client ID: Run ID: **VMS8_110413A** SeqNo: **1598742** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	19.49	1.0	20	0	97.4	80-130	20.3	4.07	30	
1,1,1-Trichloroethane	20.05	1.0	20	0	100	65-130	21.55	7.21	30	
1,1,2,2-Tetrachloroethane	20.51	1.0	20	0	103	65-130	21.35	4.01	30	
1,1,2-Trichloroethane	19.32	1.0	20	0	96.6	75-125	20.38	5.34	30	
1,1-Dichloroethane	20.44	1.0	20	0	102	70-135	21.41	4.64	30	
1,1-Dichloroethene	22.02	1.0	20	0	110	70-130	23.57	6.8	30	
1,1-Dichloropropene	20.51	1.0	20	0	103	75-130	22.02	7.1	30	
1,2,3-Trichlorobenzene	21.06	3.0	20	0	105	55-140	23.74	12	30	
1,2,3-Trichloropropane	20.08	1.0	20	0	100	75-125	21.51	6.88	30	
1,2,4-Trichlorobenzene	20.43	1.0	20	0	102	65-135	22.43	9.33	30	
1,2,4-Trimethylbenzene	21.01	1.0	20	0	105	75-130	22.06	4.88	30	
1,2-Dibromo-3-chloropropane	19.54	1.0	20	0	97.7	50-130	21.98	11.8	30	
1,2-Dibromoethane	20.23	1.0	20	0	101	80-120	20.97	3.59	30	
1,2-Dichlorobenzene	20.73	1.0	20	0	104	70-120	21.78	4.94	30	
1,2-Dichloroethane	20.21	1.0	20	0	101	70-130	21.43	5.86	30	
1,2-Dichloropropane	21.01	2.0	20	0	105	75-125	22.27	5.82	30	
1,3,5-Trimethylbenzene	21.31	1.0	20	0	107	75-130	22.3	4.54	30	
1,3-Dichlorobenzene	20.53	2.0	20	0	103	75-125	21.42	4.24	30	
1,3-Dichloropropane	20.93	1.0	20	0	105	75-125	21.83	4.21	30	
1,4-Dichlorobenzene	20.1	2.0	20	0	100	75-125	21.46	6.54	30	
2,2-Dichloropropane	17.15	1.0	20	0	85.8	70-135	18.74	8.86	30	
2-Butanone	21.22	5.0	20	0	106	30-150	22.33	5.1	30	
2-Chlorotoluene	20.89	2.0	20	0	104	75-125	21.77	4.13	30	
2-Hexanone	20.03	5.0	20	0	100	55-130	21.67	7.87	30	
4-Chlorotoluene	20.79	1.0	20	0	104	75-135	21.68	4.19	30	
4-Methyl-2-pentanone	26.83	5.0	20	0	134	60-135	28.62	6.46	30	
Acetone	20.37	20	20	0	102	40-140	23.07	12.4	30	
Acrylonitrile	19.71	1.0	20	0	98.6	70-135	20.6	4.42	30	
Benzene	20.57	1.0	20	0	103	80-120	21.9	6.26	30	
Bromobenzene	20.42	1.0	20	0	102	75-125	21.22	3.84	30	
Bromochloromethane	20.22	1.0	20	0	101	65-130	20.98	3.69	30	
Bromodichloromethane	18.98	1.0	20	0	94.9	75-120	19.88	4.63	30	
Bromoform	20.04	1.0	20	0	100	70-130	21.14	5.34	30	
Carbon disulfide	20.69	2.5	20	0	103	35-165	22.2	7.04	30	
Carbon tetrachloride	19.3	1.0	20	0	96.5	65-140	20.87	7.82	30	
Chlorobenzene	20.64	1.0	20	0	103	80-120	21.73	5.15	30	
Chloroethane	19.55	1.0	20	0	97.8	60-135	20.69	5.67	30	
Chloroform	20.05	1.0	20	0	100	65-135	20.93	4.29	30	
Chloromethane	18.4	1.0	20	0	92	70-125	20.17	9.18	30	
cis-1,2-Dichloroethene	20.73	1.0	20	0	104	70-125	21.84	5.21	30	
cis-1,3-Dichloropropene	19.4	1.0	20	0	97	70-130	20.29	4.48	30	
Dibromochloromethane	18.8	1.0	20	0	94	60-135	19.5	3.66	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

Dibromomethane	19.32	1.0	20	0	96.6	75-125	20.27	4.8	30
Dichlorodifluoromethane	19.93	1.0	20	0	99.6	30-155	21.36	6.93	30
Ethylbenzene	20.91	1.0	20	0	105	75-125	21.96	4.9	30
Hexachlorobutadiene	22.51	5.0	20	0	113	50-140	25.64	13	30
Hexachloroethane	18.88	1.0	20	0	94.4	70-135	20.04	5.96	30
Iodomethane	18.9	5.0	20	0	94.5	70-135	19.71	4.2	30
Isopropylbenzene	20.07	1.0	20	0	100	75-125	21.24	5.66	30
m,p-Xylene	42.11	2.0	40	0	105	75-130	44.03	4.46	30
Methyl tert-butyl ether	20.39	5.0	20	0	102	65-125	21.27	4.22	30
Methylene chloride	20.51	5.0	20	0	103	55-140	21.34	3.97	30
n-Butylbenzene	21.16	1.0	20	0	106	70-135	22.65	6.8	30
n-Propylbenzene	21.16	1.0	20	0	106	70-130	22.17	4.66	30
Naphthalene	20.92	5.0	20	0	105	55-140	24.12	14.2	30
o-Xylene	19.99	1.0	20	0	100	80-120	20.99	4.88	30
p-Isopropyltoluene	19.64	2.0	20	0	98.2	75-130	20.73	5.4	30
sec-Butylbenzene	20.2	2.0	20	0	101	70-125	21.39	5.72	30
Styrene	19.91	1.0	20	0	99.6	65-135	20.76	4.18	30
tert-Butylbenzene	21.22	2.0	20	0	106	70-130	22.36	5.23	30
Tetrachloroethene	21.25	2.0	20	0	106	45-150	22.52	5.8	30
Tetrahydrofuran	19.85	10	20	0	99.2	70-135	21.43	7.66	30
Toluene	20.18	1.0	20	0	101	75-120	21.16	4.74	30
trans-1,2-Dichloroethene	21.39	1.0	20	0	107	60-140	22.81	6.43	30
trans-1,3-Dichloropropene	18.84	1.0	20	0	94.2	55-140	19.83	5.12	30
trans-1,4-Dichloro-2-butene	16.63	5.0	20	0	83.2	70-135	17.56	5.44	30
Trichloroethene	21.15	1.0	20	0	106	70-125	22.53	6.32	30
Trichlorofluoromethane	17.36	1.0	20	0	86.8	60-145	18.5	6.36	30
Vinyl chloride	21.44	1.0	20	0	107	50-145	23.31	8.36	30
Xylenes, Total	62.1	2.0	60	0	104	75-130	65.02	4.59	30
Surr: 1,2-Dichloroethane-d4	*97.61*	0	*100*	0	*97.6*	*70-120*	99.82	*2.24*	*30*
Surr: 4-Bromofluorobenzene	*100.6*	0	*100*	0	*101*	*75-120*	101	*0.417*	*30*
Surr: Dibromofluoromethane	*99.98*	0	*100*	0	*100*	*85-115*	101.4	*1.38*	*30*
Surr: Toluene-d8	*99.99*	0	*100*	0	*100*	*85-120*	99.7	*0.29*	*30*

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

MS Sample ID: **1104248-03A MS** Units: **µg/Kg** Analysis Date: **4/14/2011 11:26 AM**

Client ID: Run ID: **VMS8_110413A** SeqNo: **1599360** Prep Date: DF: **101**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	1978	150	2020	0	97.9	75-125	0			
1,1,1-Trichloroethane	2024	100	2020	0	100	70-135	0			
1,1,2,2-Tetrachloroethane	2073	200	2020	0	103	55-130	0			
1,1,2-Trichloroethane	2000	200	2020	0	99	60-125	0			
1,1-Dichloroethane	2088	100	2020	0	103	75-125	0			
1,1-Dichloroethene	2052	100	2020	0	102	65-135	0			
1,1-Dichloropropene	2198	100	2020	0	109	70-135	0			
1,2,3-Trichlorobenzene	1797	200	2020	0	89	60-135	0			
1,2,3-Trichloropropane	2078	200	2020	0	103	65-130	0			
1,2,4-Trichlorobenzene	1939	100	2020	0	96	65-130	0			
1,2,4-Trimethylbenzene	2284	100	2020	0	113	65-135	0			
1,2-Dibromo-3-chloropropane	1748	200	2020	0	86.6	40-135	0			
1,2-Dibromoethane	2068	150	2020	0	102	70-125	0			
1,2-Dichlorobenzene	2160	100	2020	0	107	75-120	0			
1,2-Dichloroethane	2042	100	2020	0	101	70-135	0			
1,2-Dichloropropane	2223	350	2020	0	110	70-120	0			
1,3,5-Trimethylbenzene	2275	100	2020	0	113	65-135	0			
1,3-Dichlorobenzene	2158	100	2020	0	107	70-125	0			
1,3-Dichloropropane	2154	150	2020	0	107	75-125	0			
1,4-Dichlorobenzene	2121	100	2020	0	105	70-125	0			
2,2-Dichloropropane	1255	61	2020	0	62.2	65-135	0			S
2-Butanone	1807	760	2020	0	89.4	30-160	0			
2-Chlorotoluene	2158	150	2020	0	107	70-130	0			
2-Hexanone	1932	500	2020	0	95.6	45-145	0			
4-Chlorotoluene	2164	200	2020	0	107	75-125	0			
4-Methyl-2-pentanone	2625	500	2020	0	130	45-145	0			
Acetone	2205	450	2020	0	109	20-160	0			
Acrylonitrile	1905	400	2020	0	94.3	70-135	0			
Benzene	2190	100	2020	0	108	75-125	0			
Bromobenzene	2110	150	2020	0	104	65-120	0			
Bromochloromethane	2051	150	2020	0	102	70-125	0			
Bromodichloromethane	1859	150	2020	0	92	70-130	0			
Bromoform	1873	100	2020	0	92.7	55-135	0			
Carbon disulfide	1671	150	2020	0	82.7	45-160	0			
Carbon tetrachloride	1894	100	2020	0	93.8	65-135	0			
Chlorobenzene	2195	150	2020	0	109	75-125	0			
Chloroethane	1766	300	2020	0	87.4	40-155	0			
Chloroform	2042	100	2020	0	101	70-125	0			
Chloromethane	1582	300	2020	0	78.3	50-130	0			
cis-1,2-Dichloroethene	2110	200	2020	0	104	65-125	0			
cis-1,3-Dichloropropene	1896	100	2020	0	93.8	70-125	0			
Dibromochloromethane	1810	200	2020	0	89.6	65-135	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

Dibromomethane	1973	200	2020	0	97.6	75-130	0
Dichlorodifluoromethane	1693	100	2020	0	83.8	35-135	0
Ethylbenzene	2237	200	2020	0	111	75-125	0
Hexachlorobutadiene	2076	100	2020	0	103	55-140	0
Hexachloroethane	1736	100	2020	0	86	70-135	0
Iodomethane	1547	250	2020	0	76.6	70-135	0
Isopropylbenzene	2137	100	2020	0	106	75-130	0
m,p-Xylene	4487	200	4040	0	111	80-125	0
Methyl tert-butyl ether	2048	150	2020	0	101	75-125	0
Methylene chloride	2009	200	2020	0	99.4	55-145	0
n-Butylbenzene	2264	50	2020	0	112	65-140	0
n-Propylbenzene	2259	200	2020	0	112	65-135	0
Naphthalene	2130	200	2020	0	105	40-140	0
o-Xylene	2121	100	2020	0	105	75-125	0
p-Isopropyltoluene	2219	960	2020	0	110	75-135	0
sec-Butylbenzene	2169	100	2020	0	107	65-130	0
Styrene	2081	150	2020	0	103	75-125	0
tert-Butylbenzene	2211	150	2020	0	109	65-130	0
Tetrachloroethene	2275	100	2020	0	113	64-140	0
Tetrahydrofuran	1997	150	2020	0	98.8	70-135	0
Toluene	2174	150	2020	0	108	70-125	0
trans-1,2-Dichloroethene	2173	100	2020	0	108	65-135	0
trans-1,3-Dichloropropene	1781	150	2020	0	88.2	65-125	0
trans-1,4-Dichloro-2-butene	1421	350	2020	0	70.4	70-135	0
Trichloroethene	2246	100	2020	0	111	75-125	0
Trichlorofluoromethane	1551	100	2020	0	76.8	25-185	0
Vinyl chloride	1978	200	2020	0	97.9	60-125	0
Xylenes, Total	6608	300	6060	0	109	75-125	0
Surr: 1,2-Dichloroethane-d4	*9457*	0	*10100*	0	*93.6*	*70-120*	0
Surr: 4-Bromofluorobenzene	*10070*	0	*10100*	0	*99.7*	*75-120*	0
Surr: Dibromofluoromethane	*9916*	0	*10100*	0	*98.2*	*85-115*	0
Surr: Toluene-d8	*10030*	0	*10100*	0	*99.3*	*85-115*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

MSD Sample ID: **1104248-03A MSD** Units: **µg/Kg** Analysis Date: **4/14/2011 11:53 AM**

Client ID: Run ID: **VMS8_110413A** SeqNo: **1599361** Prep Date: DF: **101**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	1963	150	2020	0	97.2	75-125	1978	0.718	30	
1,1,1-Trichloroethane	1994	100	2020	0	98.7	70-135	2024	1.51	30	
1,1,2,2-Tetrachloroethane	2110	200	2020	0	104	55-130	2073	1.79	30	
1,1,2-Trichloroethane	2009	200	2020	0	99.4	60-125	2000	0.454	30	
1,1-Dichloroethane	2019	100	2020	0	100	75-125	2088	3.34	30	
1,1-Dichloroethene	2013	100	2020	0	99.6	65-135	2052	1.94	30	
1,1-Dichloropropene	2104	100	2020	0	104	70-135	2198	4.37	30	
1,2,3-Trichlorobenzene	2013	200	2020	0	99.6	60-135	1797	11.3	30	
1,2,3-Trichloropropane	2091	200	2020	0	104	65-130	2078	0.63	30	
1,2,4-Trichlorobenzene	2052	100	2020	0	102	65-130	1939	5.67	30	
1,2,4-Trimethylbenzene	2224	100	2020	0	110	65-135	2284	2.64	30	
1,2-Dibromo-3-chloropropane	1901	200	2020	0	94.1	40-135	1748	8.36	30	
1,2-Dibromoethane	2087	150	2020	0	103	70-125	2068	0.875	30	
1,2-Dichlorobenzene	2174	100	2020	0	108	75-120	2160	0.606	30	
1,2-Dichloroethane	2006	100	2020	0	99.3	70-135	2042	1.8	30	
1,2-Dichloropropane	2207	350	2020	0	109	70-120	2223	0.73	30	
1,3,5-Trimethylbenzene	2235	100	2020	0	111	65-135	2275	1.75	30	
1,3-Dichlorobenzene	2135	100	2020	0	106	70-125	2158	1.08	30	
1,3-Dichloropropane	2180	150	2020	0	108	75-125	2154	1.17	30	
1,4-Dichlorobenzene	2117	100	2020	0	105	70-125	2121	0.191	30	
2,2-Dichloropropane	1224	61	2020	0	60.6	65-135	1255	2.53	30	S
2-Butanone	2162	760	2020	0	107	30-160	1807	17.9	30	
2-Chlorotoluene	2138	150	2020	0	106	70-130	2158	0.94	30	
2-Hexanone	2095	500	2020	0	104	45-145	1932	8.08	30	
4-Chlorotoluene	2165	200	2020	0	107	75-125	2164	0.0467	30	
4-Methyl-2-pentanone	2739	500	2020	0	136	45-145	2625	4.26	30	
Acetone	2107	450	2020	0	104	20-160	2205	4.54	30	
Acrylonitrile	1987	400	2020	0	98.4	70-135	1905	4.2	30	
Benzene	2150	100	2020	0	106	75-125	2190	1.82	30	
Bromobenzene	2108	150	2020	0	104	65-120	2110	0.0958	30	
Bromochloromethane	2019	150	2020	0	100	70-125	2051	1.59	30	
Bromodichloromethane	1836	150	2020	0	90.9	70-130	1859	1.26	30	
Bromoform	1935	100	2020	0	95.8	55-135	1873	3.29	30	
Carbon disulfide	1734	150	2020	0	85.8	45-160	1671	3.74	30	
Carbon tetrachloride	1890	100	2020	0	93.6	65-135	1894	0.214	30	
Chlorobenzene	2158	150	2020	0	107	75-125	2195	1.67	30	
Chloroethane	1786	300	2020	0	88.4	40-155	1766	1.08	30	
Chloroform	1989	100	2020	0	98.4	70-125	2042	2.66	30	
Chloromethane	1665	300	2020	0	82.4	50-130	1582	5.16	30	
cis-1,2-Dichloroethene	2052	200	2020	0	102	65-125	2110	2.77	30	
cis-1,3-Dichloropropene	1876	100	2020	0	92.8	70-125	1896	1.07	30	
Dibromochloromethane	1830	200	2020	0	90.6	65-135	1810	1.11	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88961A** Instrument ID **VMS8** Method: **SW8260**

Dibromomethane	1966	200	2020	0	97.4	75-130	1973	0.308	30
Dichlorodifluoromethane	1654	100	2020	0	81.9	35-135	1693	2.29	30
Ethylbenzene	2199	200	2020	0	109	75-125	2237	1.73	30
Hexachlorobutadiene	2227	100	2020	0	110	55-140	2076	7.04	30
Hexachloroethane	1777	100	2020	0	88	70-135	1736	2.3	30
Iodomethane	1696	250	2020	0	84	70-135	1547	9.16	30
Isopropylbenzene	2122	100	2020	0	105	75-130	2137	0.711	30
m,p-Xylene	4406	200	4040	0	109	80-125	4487	1.84	30
Methyl tert-butyl ether	2045	150	2020	0	101	75-125	2048	0.148	30
Methylene chloride	1962	200	2020	0	97.2	55-145	2009	2.34	30
n-Butylbenzene	2224	50	2020	0	110	65-140	2264	1.8	30
n-Propylbenzene	2218	200	2020	0	110	65-135	2259	1.85	30
Naphthalene	2108	200	2020	0	104	40-140	2130	1.05	30
o-Xylene	2078	100	2020	0	103	75-125	2121	2.07	30
p-Isopropyltoluene	2075	960	2020	0	103	75-135	2219	6.73	30
sec-Butylbenzene	2131	100	2020	0	106	65-130	2169	1.78	30
Styrene	2062	150	2020	0	102	75-125	2081	0.878	30
tert-Butylbenzene	2191	150	2020	0	108	65-130	2211	0.918	30
Tetrachloroethene	2232	100	2020	0	110	64-140	2275	1.88	30
Tetrahydrofuran	2113	150	2020	0	105	70-135	1997	5.65	30
Toluene	2117	150	2020	0	105	70-125	2174	2.64	30
trans-1,2-Dichloroethene	2122	100	2020	0	105	65-135	2173	2.35	30
trans-1,3-Dichloropropene	1791	150	2020	0	88.6	65-125	1781	0.566	30
trans-1,4-Dichloro-2-butene	1502	350	2020	0	74.4	70-135	1421	5.53	30
Trichloroethene	2212	100	2020	0	110	75-125	2246	1.54	30
Trichlorofluoromethane	1500	100	2020	0	74.2	25-185	1551	3.38	30
Vinyl chloride	1968	200	2020	0	97.4	60-125	1978	0.461	30
Xylenes, Total	6483	300	6060	0	107	75-125	6608	1.91	30
Surr: 1,2-Dichloroethane-d4	*9442*	0	*10100*	0	*93.5*	*70-120*	9457	*0.15*	*30*
Surr: 4-Bromofluorobenzene	*10000*	0	*10100*	0	*99*	*75-120*	10070	*0.694*	*30*
Surr: Dibromofluoromethane	*9851*	0	*10100*	0	*97.5*	*85-115*	9916	*0.664*	*30*
Surr: Toluene-d8	*10060*	0	*10100*	0	*99.6*	*85-115*	10030	*0.312*	*30*

The following samples were analyzed in this batch:

1104270-01A	1104270-02A	1104270-03A
1104270-04A	1104270-05A	1104270-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88966** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110414-R88966** Units: **µg/L** Analysis Date: **4/14/2011 09:59 AM**

Client ID: Run ID: **VMS6_110414A** SeqNo: **1599877** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								
cis-1,2-Dichloroethene	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88966** Instrument ID **VMS6** Method: **SW8260**

cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethyl tert butyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
n-Butylbenzene	ND	1.0					
n-Propylbenzene	ND	1.0					
Naphthalene	ND	5.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	2.0					
Surr: 1,2-Dichloroethane-d4	*101.7*	0	*100*	0	*102*	*70-120*	0
Surr: 4-Bromofluorobenzene	*97.15*	0	*100*	0	*97.2*	*75-120*	0
Surr: Dibromofluoromethane	*101.2*	0	*100*	0	*101*	*85-115*	0
Surr: Toluene-d8	*99.77*	0	*100*	0	*99.8*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88966** Instrument ID **VMS6** Method: **SW8260**

LCS Sample ID: **VLCSW1-110414-R88966** Units: **µg/L** Analysis Date: **4/14/2011 08:42 AM**

Client ID: Run ID: **VMS6_110414A** SeqNo: **1599875** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.78	1.0	20	0	104	80-130	0			
1,1,1-Trichloroethane	22.1	1.0	20	0	110	65-130	0			
1,1,2,2-Tetrachloroethane	20.81	1.0	20	0	104	65-130	0			
1,1,2-Trichloroethane	20.94	1.0	20	0	105	75-125	0			
1,1-Dichloroethane	21.27	1.0	20	0	106	70-135	0			
1,1-Dichloroethene	23.4	1.0	20	0	117	70-130	0			
1,1-Dichloropropene	22.09	1.0	20	0	110	75-130	0			
1,2,3-Trichlorobenzene	23.03	3.0	20	0	115	55-140	0			
1,2,3-Trichloropropane	20.51	1.0	20	0	103	75-125	0			
1,2,4-Trichlorobenzene	22.28	1.0	20	0	111	65-135	0			
1,2,4-Trimethylbenzene	21.41	1.0	20	0	107	75-130	0			
1,2-Dibromo-3-chloropropane	19.9	1.0	20	0	99.5	50-130	0			
1,2-Dibromoethane	20.26	1.0	20	0	101	80-120	0			
1,2-Dichlorobenzene	23.43	1.0	20	0	117	70-120	0			
1,2-Dichloroethane	21.38	1.0	20	0	107	70-130	0			
1,2-Dichloropropane	20.98	2.0	20	0	105	75-125	0			
1,3,5-Trimethylbenzene	23.86	1.0	20	0	119	75-130	0			
1,3-Dichlorobenzene	23.25	2.0	20	0	116	75-125	0			
1,3-Dichloropropane	21.11	1.0	20	0	106	75-125	0			
1,4-Dichlorobenzene	22.77	2.0	20	0	114	75-125	0			
2,2-Dichloropropane	23.93	1.0	20	0	120	70-135	0			
2-Butanone	29.42	5.0	20	0	147	30-150	0			
2-Chlorotoluene	23.43	2.0	20	0	117	75-125	0			
2-Hexanone	18.85	5.0	20	0	94.2	55-130	0			
4-Chlorotoluene	23.37	1.0	20	0	117	75-135	0			
4-Methyl-2-pentanone	26.18	5.0	20	0	131	60-135	0			
Acetone	28.09	20	20	0	140	40-140	0			S
Acrylonitrile	20.34	1.0	20	0	102	70-135	0			
Benzene	23.26	1.0	20	0	116	80-120	0			
Bromobenzene	21.5	1.0	20	0	108	75-125	0			
Bromochloromethane	25.09	1.0	20	0	125	65-130	0			
Bromodichloromethane	20.37	1.0	20	0	102	75-120	0			
Bromoform	20.82	1.0	20	0	104	70-130	0			
Carbon disulfide	23.48	2.5	20	0	117	35-165	0			
Carbon tetrachloride	21.45	1.0	20	0	107	65-140	0			
Chlorobenzene	23.04	1.0	20	0	115	80-120	0			
Chloroethane	21.69	1.0	20	0	108	60-135	0			
Chloroform	22.04	1.0	20	0	110	65-135	0			
Chloromethane	22.15	1.0	20	0	111	70-125	0			
cis-1,2-Dichloroethene	21.47	1.0	20	0	107	70-125	0			
cis-1,3-Dichloropropene	21.14	1.0	20	0	106	70-130	0			
Dibromochloromethane	19.78	1.0	20	0	98.9	60-135	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88966** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	20.58	1.0	20	0	103	75-125	0	
Dichlorodifluoromethane	22.53	1.0	20	0	113	30-155	0	
Ethylbenzene	21.86	1.0	20	0	109	75-125	0	
Hexachlorobutadiene	29.17	5.0	20	0	146	50-140	0	S
Hexachloroethane	22.62	1.0	20	0	113	70-135	0	
Iodomethane	24.45	5.0	20	0	122	70-135	0	
Isopropylbenzene	21.8	1.0	20	0	109	75-125	0	
m,p-Xylene	43.76	2.0	40	0	109	75-130	0	
Methyl tert-butyl ether	21.63	5.0	20	0	108	65-125	0	
Methylene chloride	22.52	5.0	20	0	113	55-140	0	
n-Butylbenzene	22.47	1.0	20	0	112	70-135	0	
n-Propylbenzene	23.67	1.0	20	0	118	70-130	0	
Naphthalene	20.48	5.0	20	0	102	55-140	0	
o-Xylene	21.37	1.0	20	0	107	80-120	0	
p-Isopropyltoluene	22.09	2.0	20	0	110	75-130	0	
sec-Butylbenzene	22.63	2.0	20	0	113	70-125	0	
Styrene	20.95	1.0	20	0	105	65-135	0	
tert-Butylbenzene	24.08	2.0	20	0	120	70-130	0	
Tetrachloroethene	23.59	2.0	20	0	118	45-150	0	
Tetrahydrofuran	20.6	10	20	0	103	70-135	0	
Toluene	22.69	1.0	20	0	113	75-120	0	
trans-1,2-Dichloroethene	22.57	1.0	20	0	113	60-140	0	
trans-1,3-Dichloropropene	20.03	1.0	20	0	100	55-140	0	
trans-1,4-Dichloro-2-butene	19.37	5.0	20	0	96.8	70-135	0	
Trichloroethene	21.54	1.0	20	0	108	70-125	0	
Trichlorofluoromethane	19.56	1.0	20	0	97.8	60-145	0	
Vinyl chloride	23.21	1.0	20	0	116	50-145	0	
Xylenes, Total	65.13	2.0	60	0	109	75-130	0	
Surr: 1,2-Dichloroethane-d4	*100.8*	0	*100*	0	*101*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*101*	0	*100*	0	*101*	*75-120*	0	
Surr: Dibromofluoromethane	*102.5*	0	*100*	0	*103*	*85-115*	0	
Surr: Toluene-d8	*99.72*	0	*100*	0	*99.7*	*85-120*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88966** Instrument ID **VMS6** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110414-R88966** Units: **µg/L** Analysis Date: **4/14/2011 09:08 AM**

Client ID: Run ID: **VMS6_110414A** SeqNo: **1599876** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.6	1.0	20	0	103	80-130	20.78	0.87	30	
1,1,1-Trichloroethane	21.1	1.0	20	0	106	65-130	22.1	4.63	30	
1,1,2,2-Tetrachloroethane	21.05	1.0	20	0	105	65-130	20.81	1.15	30	
1,1,2-Trichloroethane	21.16	1.0	20	0	106	75-125	20.94	1.05	30	
1,1-Dichloroethane	20.77	1.0	20	0	104	70-135	21.27	2.38	30	
1,1-Dichloroethene	22.4	1.0	20	0	112	70-130	23.4	4.37	30	
1,1-Dichloropropene	21.08	1.0	20	0	105	75-130	22.09	4.68	30	
1,2,3-Trichlorobenzene	19.07	3.0	20	0	95.4	55-140	23.03	18.8	30	
1,2,3-Trichloropropane	20.86	1.0	20	0	104	75-125	20.51	1.69	30	
1,2,4-Trichlorobenzene	19.25	1.0	20	0	96.2	65-135	22.28	14.6	30	
1,2,4-Trimethylbenzene	20.86	1.0	20	0	104	75-130	21.41	2.6	30	
1,2-Dibromo-3-chloropropane	18.92	1.0	20	0	94.6	50-130	19.9	5.05	30	
1,2-Dibromoethane	20.75	1.0	20	0	104	80-120	20.26	2.39	30	
1,2-Dichlorobenzene	22.58	1.0	20	0	113	70-120	23.43	3.69	30	
1,2-Dichloroethane	21.09	1.0	20	0	105	70-130	21.38	1.37	30	
1,2-Dichloropropane	20.98	2.0	20	0	105	75-125	20.98	0	30	
1,3,5-Trimethylbenzene	22.94	1.0	20	0	115	75-130	23.86	3.93	30	
1,3-Dichlorobenzene	22.56	2.0	20	0	113	75-125	23.25	3.01	30	
1,3-Dichloropropane	21.01	1.0	20	0	105	75-125	21.11	0.475	30	
1,4-Dichlorobenzene	21.88	2.0	20	0	109	75-125	22.77	3.99	30	
2,2-Dichloropropane	22.35	1.0	20	0	112	70-135	23.93	6.83	30	
2-Butanone	30.37	5.0	20	0	152	30-150	29.42	3.18	30	S
2-Chlorotoluene	22.4	2.0	20	0	112	75-125	23.43	4.49	30	
2-Hexanone	19.14	5.0	20	0	95.7	55-130	18.85	1.53	30	
4-Chlorotoluene	22.97	1.0	20	0	115	75-135	23.37	1.73	30	
4-Methyl-2-pentanone	26.83	5.0	20	0	134	60-135	26.18	2.45	30	
Acetone	27.07	20	20	0	135	40-140	28.09	3.7	30	
Acrylonitrile	20.82	1.0	20	0	104	70-135	20.34	2.33	30	
Benzene	22.6	1.0	20	0	113	80-120	23.26	2.88	30	
Bromobenzene	20.91	1.0	20	0	105	75-125	21.5	2.78	30	
Bromochloromethane	24.29	1.0	20	0	121	65-130	25.09	3.24	30	
Bromodichloromethane	20.31	1.0	20	0	102	75-120	20.37	0.295	30	
Bromoform	20.68	1.0	20	0	103	70-130	20.82	0.675	30	
Carbon disulfide	22.47	2.5	20	0	112	35-165	23.48	4.4	30	
Carbon tetrachloride	20.63	1.0	20	0	103	65-140	21.45	3.9	30	
Chlorobenzene	22.52	1.0	20	0	113	80-120	23.04	2.28	30	
Chloroethane	20.93	1.0	20	0	105	60-135	21.69	3.57	30	
Chloroform	21.46	1.0	20	0	107	65-135	22.04	2.67	30	
Chloromethane	22.41	1.0	20	0	112	70-125	22.15	1.17	30	
cis-1,2-Dichloroethene	21.3	1.0	20	0	106	70-125	21.47	0.795	30	
cis-1,3-Dichloropropene	20.71	1.0	20	0	104	70-130	21.14	2.05	30	
Dibromochloromethane	19.59	1.0	20	0	98	60-135	19.78	0.965	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88966** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	20.04	1.0	20	0	100	75-125	20.58	2.66	30
Dichlorodifluoromethane	21.97	1.0	20	0	110	30-155	22.53	2.52	30
Ethylbenzene	21.27	1.0	20	0	106	75-125	21.86	2.74	30
Hexachlorobutadiene	25.59	5.0	20	0	128	50-140	29.17	13.1	30
Hexachloroethane	21.51	1.0	20	0	108	70-135	22.62	5.03	30
Iodomethane	23.59	5.0	20	0	118	70-135	24.45	3.58	30
Isopropylbenzene	21.22	1.0	20	0	106	75-125	21.8	2.7	30
m,p-Xylene	42.65	2.0	40	0	107	75-130	43.76	2.57	30
Methyl tert-butyl ether	22	5.0	20	0	110	65-125	21.63	1.7	30
Methylene chloride	21.91	5.0	20	0	110	55-140	22.52	2.75	30
n-Butylbenzene	21.27	1.0	20	0	106	70-135	22.47	5.49	30
n-Propylbenzene	22.83	1.0	20	0	114	70-130	23.67	3.61	30
Naphthalene	17.44	5.0	20	0	87.2	55-140	20.48	16	30
o-Xylene	20.8	1.0	20	0	104	80-120	21.37	2.7	30
p-Isopropyltoluene	20.8	2.0	20	0	104	75-130	22.09	6.02	30
sec-Butylbenzene	21.46	2.0	20	0	107	70-125	22.63	5.31	30
Styrene	20.49	1.0	20	0	102	65-135	20.95	2.22	30
tert-Butylbenzene	22.63	2.0	20	0	113	70-130	24.08	6.21	30
Tetrachloroethene	22.88	2.0	20	0	114	45-150	23.59	3.06	30
Tetrahydrofuran	22.23	10	20	0	111	70-135	20.6	7.61	30
Toluene	21.87	1.0	20	0	109	75-120	22.69	3.68	30
trans-1,2-Dichloroethene	21.99	1.0	20	0	110	60-140	22.57	2.6	30
trans-1,3-Dichloropropene	19.83	1.0	20	0	99.2	55-140	20.03	1	30
trans-1,4-Dichloro-2-butene	19.62	5.0	20	0	98.1	70-135	19.37	1.28	30
Trichloroethene	20.89	1.0	20	0	104	70-125	21.54	3.06	30
Trichlorofluoromethane	18.4	1.0	20	0	92	60-145	19.56	6.11	30
Vinyl chloride	22.45	1.0	20	0	112	50-145	23.21	3.33	30
Xylenes, Total	63.45	2.0	60	0	106	75-130	65.13	2.61	30
Surr: 1,2-Dichloroethane-d4	*98.13*	0	*100*	0	*98.1*	*70-120*	100.8	*2.63*	*30*
Surr: 4-Bromofluorobenzene	*101*	0	*100*	0	*101*	*75-120*	101	*0*	*30*
Surr: Dibromofluoromethane	*102.1*	0	*100*	0	*102*	*85-115*	102.5	*0.391*	*30*
Surr: Toluene-d8	*99.89*	0	*100*	0	*99.9*	*85-120*	99.72	*0.17*	*30*

The following samples were analyzed in this batch:

1104270-01A	1104270-02A	1104270-03A
1104270-04A	1104270-05A	1104270-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104270
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R88972** Instrument ID **MOIST** Method: **A2540 G**

MBLK Sample ID: **WBLKS1-110413-R88972** Units: **% of sample** Analysis Date: **4/13/2011 12:43 PM**
Client ID: Run ID: **MOIST_110413A** SeqNo: **1599148** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	ND	0.050								

LCS Sample ID: **LCS-R88972** Units: **% of sample** Analysis Date: **4/13/2011 12:43 PM**
Client ID: Run ID: **MOIST_110413A** SeqNo: **1599144** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	100	0.050	100	0	100	99.5-100.5	0			

DUP Sample ID: **1104249-04A DUP** Units: **% of sample** Analysis Date: **4/13/2011 12:43 PM**
Client ID: Run ID: **MOIST_110413A** SeqNo: **1599125** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	11.56	0.050	0	0	0	0-0	11.43	1.13	20	

DUP Sample ID: **1104270-04BDUP** Units: **% of sample** Analysis Date: **4/13/2011 12:43 PM**
Client ID: **RO-S-VS-12** Run ID: **MOIST_110413A** SeqNo: **1599140** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	18.95	0.050	0	0	0	0-0	18.51	2.35	20	

The following samples were analyzed in this batch:

1104270-01B	1104270-02B	1104270-03B
1104270-04B	1104270-05B	1104270-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

☐ **ALS Environmental**
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Chain of Custody Form

Page ____ of ____

COC ID: 11393

☐ **ALS Environmental**
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Holland, MI 49424-9263
Tel: +1 616 399 6070
Fax: +1 616 399 6185

ALS Project Manager: | ALS Work Order #: 1104270

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Reclamation Oil	A	VOC'S
Work Order		Project Number		B	ARSENIC
Company Name	Horizon Environmental	Bill To Company	Horizon Environmental	C	LEAD
Send Report To	Karen Hathaway	Invoice Attn	Accounts Payable	D	PCBS
Address	4771 50th Street	Address	4771 50th Street	E	
				F	
City/State/Zip	Grand Rapids, MI 49512	City/State/Zip	Grand Rapids, MI 49512	G	
Phone	(616) 554-3210	Phone	(616) 554-3210	H	
Fax	(616) 554-3211	Fax	(616) 554-3211	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	RO-S-VS-09	4-12-11	1300	S		3	X	X	X	X							
2	RO-S-VS-10		1310	S		3	X	X	X	X							
3	RO-S-VS-11		1320	S		3	X	X	X	X							
4	RO-S-VS-12		1370	S		3	X	X	X	X							
5	RO-S-VS-13		1340	S		3	X	X	X	X							
6	~~RO-S-VS-13 Duplicate~~		1345	S		2	X	X	X	X							
7	RO-FD-VS-13	KH 4/08/11															
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Mike Potter

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☒ 24 Hour ☐ Other ____

Results Due Date:

Relinquished by:	Date: 4-12-11	Time: 2:17pm	Received by:
Relinquished by:	Date: 4/12/11	Time:	Received by (Laboratory): 4/13/11 0730
Logged by (Laboratory): DFS	Date: 4/13/11	Time: 0800	Checked by (Laboratory):

Notes:

Cooler ID	Cooler Temp.
	3.0°C

QC Package: (Check One Box Below)
☐ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other ____
☐ TRRP Checklist
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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Fax. +1 616 399 6185

CUSTODY SEAL
Date: 4/12/11 Time:
Name:
Company:

Seal Broken By:
Date:

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 4/12/11 Time:
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CUSTODY SEAL
Date: 4/12/11 Time:
Name:
Company:

Seal Broken By:
Date:

AIR SERVICE	CITY Lincoln Park, MI	STATE, ZIP CODE	CITY Holland	STATE, ZIP CODE	
AIR & GROUND COMBINED	DECLARED VALUE $	ADD'L INSURANCE COST $	ACCOUNT NO.	WEIGHT LBS. / OZ.	CHARGES
CANCELLED CHECKS OR CASH LETTERS	PIECES 3	(DESCRIPTION OF WHAT IS BEING SHIPPED: BOX, BAG, ENVELOPE) Coolers Loaded			
OTHER (LIST COMMODITIES)					
SPECIAL INSTRUCTIONS					

☐ PREPAID ☐ BILL TO ACCT. ☐ C.O.D.

TOTAL $

RECEIVED, Subject to rates and tariffs in effect on the date hereof

PICKED UP BY	DATE	TIME	RECEIVED BY	DATE	TIME
DRIVER:	4-12-11	A.M.		04/13/11	A.M.
ROUTE #: 25		7:21 P.M.	ROUTE #: 903		P.M.

Except for "cash letters", the carrier's declared value of this shipment is specifically declared not to be in excess of $100.00, unless a greater value is declared in writing on this Bill of Lading, for which additional charges will be assessed. Carrier's liability with respect to "cash letter" shipments is limited in instances.

Except on "cash letter" shipments, claims, if any, must be filed in writing within thirty (30) days after pickup. Claims involving "cash letter" shipments must be filed in writing within three (3) days after pickup. Claimant shall give oral notice to carrier as soon as it becomes aware of a potential claim involving a "cash letter" shipment.

CARRIER SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES.

The property described above, in apparent good order, except as noted (contents and conditions of packages unknown), marked, consigned and destined as shown below, which said company agrees to carry to its usual place of delivery at said destination if within the territory of its highway operations. It is mutually agreed as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions of the carrier's tariff, which are hereby agreed to by the shipper and accepted for himself and his assigns.

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **HORIZONENV-GR** Date/Time Received: **13-Apr-11 07:30**

Work Order: **1104270** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 13-Apr-11 (Date) Reviewed by: Joseph Ribar (eSignature) 13-Apr-11 (Date)

Matrices: Soil
Carrier name: City Transfer

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	3.0 c		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:			

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

DATA VALIDATION REPORT

RECLAMATION OIL SITE
6472 SELKIRK STREET
DETROIT, MICHIGAN

Date: May 2, 2011
Laboratory: ALS Laboratory Group (ALS), Holland, Michigan
Laboratory Work Order #: 1104321
Data Validation Performed By: Karen Hathaway, Horizon Environmental

This data validation report has been prepared by Horizon Environmental Corporation on behalf of the Respondents to the Administrative Settlement Agreement and Order on Consent for Removal Action Docket No. V-W-10-C-955 (Settlement Agreement) entered into by the U.S. Environmental Protection Agency (U.S. EPA) and Respondents[1] with an effective date of September 30, 2010.

This report documents the data validation for 5 soil samples (plus one duplicate sample and one methanol trip blank) collected from the Reclamation Oil Site that were analyzed for the following parameters by U.S. Environmental Protection Agency (U.S. EPA) methods:

- Target Compound List (TCL) Volatile Organic Compounds (VOC) by SW-846 Method 8260B;
- Polychlorinated biphenyls (PCB) by SW-846 Method 8082; and
- Arsenic and lead by SW-846 Method 6020A.

All of the collected samples were analyzed by the laboratory (100% completeness). A Level II data package was requested from ALS. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

VOCs BY SW-846 METHOD 8260B

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

[1] The Respondents consist of Univar USA Inc., SPX Corporation, BorgWarner Inc., and Ford Motor Company.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
RO-S-VS-14	1104321-01	Soil	4/13/2011	4/17/2011
RO-S-VS-15	1104321-02	Soil	4/13/2011	4/17/2011
RO-S-VS-16	1104321-03	Soil	4/13/2011	4/17/2011
RO-S-VS-17	1104321-04	Soil	4/13/2011	4/16-17/2011
RO-S-VS-18	1104321-05	Soil	4/13/2011	4/17/2011
RO-FD-VS-18	1104321-06	Soil	4/13/2011	4/17/2011
RO-MB-01	1104321-07	Soil	4/13/2011	4/17/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

Method blanks were analyzed with the samples for VOC analyses. The method blanks were free of target compound contamination above the reporting limit. Naphthalene was detected in one method blank below the practical quantitation limit (PQL). No qualifications are required because either 1) the investigative results were non-detect at limits higher than the blank detection, or 2) naphthalene was detected at a much higher concentration in the investigative samples.

The methanol blank RO-MB-01 was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS percent recoveries were within laboratory-established QC limits except as follows. For the LCS associated with analysis date April 16, 2011, 4-methyl-2-pentanone, acetone, and 1,2-dibromoethane were outside the QC limits. Because these compounds were not reported for the investigative samples on April 16, 2011 (the samples were re-analyzed on April 17, 2011 for dilution issues), no qualification of the reported data is needed.

For the LCS associated with analysis date April 17, 2011, 1,2,4-trichlorobenzene was outside the QC limits due to a sporadic marginal exceedance. The quantitation limits for

non-detected results of 1,2,4-trichlorobenzene analyzed on April 17, 2011 were flagged "UJ" as estimated for this discrepancy.

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

The MS/MSD associated with samples RO-S-VS-15, RO-S-VS-16, RO-FD-VS-18 and RO-MB-01 had recoveries for 4-methyl-2-pentanone that exceeded QC limits. Quantitation limits for non-detected results for 4-methyl-2-pentanone in samples RO-S-VS-15, RO-S-VS-16, RO-FD-VS-18 and RO-MB-01 were flagged "UJ" as estimated.

Another MS/MSD associated with samples RO-S-VS-14, RO-S-VS-17, RO-S-VS-18, and RO-FD-VS-18 had recoveries outside QC limits for the following parameters:

1,1,2,2-Tetrachloroethane	4-Chlorotoluene	o-Xylene
1,2,3-Trichlorobenzene	Ethylbenzene	p-Isopropyltoluene
1,2,3-Trichloropropane	Hexachlorobutadiene	sec-Butylbenzene
1,2,4-Trichlorobenzene	Isopropylbenzene	Toluene
1,2,4-Trimethylbenzene	m,p-Xylene	trans-1,4-Dichloro-2-butene
1,2-Dichlorobenzene	n-Butylbenzene	Xylenes, total
1,3,5-Trimethylbenzene	n-Propylbenzene	
2-Chlorotoluene	Naphthalene	

For samples RO-S-VS-14, RO-S-VS-17, RO-S-VS-18, and RO-FD-VS-18, detected results for these compounds were flagged "J" as estimated and quantitation limits for non-detected results for these compounds were flagged "UJ" as estimated.

7. Field Duplicate Results

A field duplicate sample was collected at the frequency specified in the QAPP. Sample RO-FD-VS-18 is a duplicate of sample RO-S-VS-18. Field duplicate sample RO-FD-VS-18 showed good correlation with the investigative sample except for one detected compound. However, because the highest reported detection was well below the evaluation criteria, no additional measures were required.

8. Overall Assessment

The VOC data are acceptable for use as qualified based on the information received.

PCBS BY SW-846 METHOD 8082

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-S-VS-14	1104321-01	Soil	4/13/2011	4/15/2011	4/18/2011
RO-S-VS-15	1104321-02	Soil	4/13/2011	4/15/2011	4/18/2011
RO-S-VS-16	1104321-03	Soil	4/13/2011	4/15/2011	4/18/2011
RO-S-VS-17	1104321-04	Soil	4/13/2011	4/15/2011	4/18/2011
RO-S-VS-18	1104321-05	Soil	4/13/2011	4/15/2011	4/18/2011
RO-FD-VS-18	1104321-06	Soil	4/13/2011	4/15/2011	4/18/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

The method blanks were free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

The MS/MSD associated with all of the PCB samples had recoveries for Aroclor 1016 and Aroclor 1260 that exceeded QC limits. Quantitation limits for non-detected results for Aroclor 1016 and Aroclor 1260 in all of the samples were flagged "UJ" as estimated.

7. Field Duplicate Results

Field duplicate samples for PCB analysis were collected at the frequency specified in the QAPP. Sample RO-FD-VS-18 is a duplicate of sample RO-S-VS-18. Field duplicate sample RO-FD-VS-18 showed good correlation with the investigative sample (all non-detect).

8. Overall Assessment

The PCB data are acceptable for use as qualified based on the information received.

ARSENIC AND LEAD BY SW-846 METHOD 6020A

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-S-VS-14	1104321-01	Soil	4/13/2011	4/14/2011	4/15/2011
RO-S-VS-15	1104321-02	Soil	4/13/2011	4/14/2011	4/15/2011
RO-S-VS-16	1104321-03	Soil	4/13/2011	4/14/2011	4/15/2011
RO-S-VS-17	1104321-04	Soil	4/13/2011	4/14/2011	4/15/2011
RO-S-VS-18	1104321-05	Soil	4/13/2011	4/14/2011	4/15/2011
RO-FD-VS-18	1104321-06	Soil	4/13/2011	4/14/2011	4/15/2011

2. Holding Times

The samples were analyzed within the required holding time limit of 180 days from sample collection to analysis.

3. Blanks

The method blank was free of target compound contamination above the reporting limit. Lead was detected in the method blank below the PQL. Because lead was detected at higher concentrations in the samples, no qualification is required.

4. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

5. MS and MSD Results

Percent recoveries and RPDs for the MS/MSD samples were within laboratory QC limits.

6. Field Duplicate Results

Field duplicate samples for metals analysis were collected at the frequency specified in the QAPP. Sample RO-FD-VS-18 is a duplicate of sample RO-S-VS-18. Field duplicate sample RO-FD-VS-18 showed good correlation for arsenic and poor correlation for lead in the investigative sample. The poor correlation was attributed to the heterogeneous nature of the soil samples. However, because the highest reported detection was well below the evaluation criteria, no additional measures were required.

7. Overall Assessment

The metals data are acceptable for use based on the information received.

DISCREPANCY FROM QAPP

The sample identification codes on the chain-of-custody (COC) for the field duplicate sample and methanol blank did not follow the field identification system provided in the QAPP. Notations were made on the COC, the laboratory was notified, and the sample identification codes were revised accordingly. No qualification of the data is needed. The Horizon Field Team Leader was informed of the sample identification code discrepancies so that corrective measures could be taken for future sampling events.

ATTACHMENT

ALS LABORATORY GROUP
RESULTS SUMMARY WITH QUALIFIERS

ALS Environmental

01-May-2011

Bill Davidson
Horizon Environmental
4771 50th Street
Grand Rapids, MI 49512

Re: **Reclamation Oil** Work Order: **1104321**

Dear Bill,

ALS Environmental received 7 samples on 14-Apr-2011 07:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 54.

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

Sincerely,

Joseph Ribar

Electronically approved by: Joseph Ribar

Joseph Ribar
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac

Certificate No: IL100452

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: **1104321**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1104321-01	RO-S-VS-14	Soil		4/13/2011 11:00	4/14/2011 07:30	☐
1104321-02	RO-S-VS-15	Soil		4/13/2011 11:10	4/14/2011 07:30	☐
1104321-03	RO-S-VS-16	Soil		4/13/2011 11:20	4/14/2011 07:30	☐
1104321-04	RO-S-VS-17	Soil		4/13/2011 11:30	4/14/2011 07:30	☐
1104321-05	RO-S-VS-18	Soil		4/13/2011 11:40	4/14/2011 07:30	☐
1104321-06	RO-FD-VS-18	Soil		4/13/2011 11:45	4/14/2011 07:30	☐
1104321-07	RO-MB-01	Soil		4/13/2011	4/14/2011 07:30	☐

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: 1104321

Case Narrative

QC Summary

PCB's

Batch 32848, Method 8082, Sample 1104350-01A MS/MSD: "S" flags for Aroclor's 1016/1260 on MS and MSD (out of range- high) are due to matrix. High concentration of 1254 in parent sample caused elevated recoveries for other aroclors.

Volatile Organic Compounds

Batch R89078, Method 8260, Sample VLCSW1/VLCSDW1-110416: 4-Methyl-2-pentanone exceeded the upper control limits in the LCS/LCSD; however no hits were reported in any of this project's samples.

Batch R89078, Method 8260, Sample 1104361-04C: 4-Methyl-2-pentanone exceeded the upper control limits in the MS/MSD; however no hits were reported in any of this project's samples.

Batch R89079, Method 8260, Sample VLCSW1-110417: 1,2,4-Trichlorobenzene recovery exceeded the upper control limit due to a sporadic marginal exceedance. Recoveries in the LCSD were within control limits exhibiting good instrument accuracy

Batch R89079, Method 8260, Sample 1104422-01A MS/MSD: Compounds and surrogate recoveries were outside control limits due to matrix interference.

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Project: Reclamation Oil
WorkOrder: **1104321**

QUALIFIERS, ACRONYMS, UNITS

Qualifier	Description
*	Value exceeds Regulatory Limit
a	Not accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte detected below quantitation limit
n	Not offered for accreditation
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL

Acronym	Description
DUP	Method Duplicate
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MBLK	Method Blank
MDL	Method Detection Limit
MQL	Method Quantitation Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
PDS	Post Digestion Spike
PQL	Practical Quantitation Limit
SD	Serial Dilution
TDL	Target Detection Limit

Units Reported	Description
% of sample	Percent of Sample
µg/Kg	Micrograms per Kilogram
µg/Kg-dry	Micrograms per Kilogram Dry Weight
mg/Kg-dry	Milligrams per Kilogram Dry Weight

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-14
Collection Date: 4/13/2011 11:00 AM

Work Order: 1104321
Lab ID: 1104321-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/15/2011**	Analyst: **JD**
Aroclor 1016	ND	UJ	47	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1221	ND		47	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1232	ND		47	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1242	ND		47	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1248	ND		47	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1254	ND		47	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1260	ND	UJ	47	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1262	ND		47	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1268	ND		47	µg/Kg-dry	1	4/18/2011 10:20 AM
Surr: Decachlorobiphenyl	*84.1*		*40-140*	*%REC*	1	4/18/2011 10:20 AM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **CES**
Arsenic	**1.5**		**0.35**	**mg/Kg-dry**	2	4/15/2011 03:06 AM
Lead	**1.5**		**0.035**	**mg/Kg-dry**	2	4/15/2011 03:06 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
1,1,1-Trichloroethane	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
1,1,2,2-Tetrachloroethane	ND	UJ	600	µg/Kg-dry	500	4/17/2011 05:38 PM
1,1,2-Trichloroethane	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
1,1,2-Trichlorotrifluoroethane	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
1,1-Dichloroethane	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
1,1-Dichloroethene	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
1,1-Dichloropropene	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
1,2,3-Trichlorobenzene	ND	UJ	1,200	µg/Kg-dry	500	4/17/2011 05:38 PM
1,2,3-Trichloropropane	ND	UJ	1,200	µg/Kg-dry	500	4/17/2011 05:38 PM
1,2,4-Trichlorobenzene	ND	UJ	600	µg/Kg-dry	500	4/17/2011 05:38 PM
1,2,4-Trimethylbenzene	**15,000**	J	**600**	**µg/Kg-dry**	500	4/17/2011 05:38 PM
1,2-Dibromo-3-chloropropane	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
1,2-Dibromoethane	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
1,2-Dichlorobenzene	ND	UJ	600	µg/Kg-dry	500	4/17/2011 05:38 PM
1,2-Dichloroethane	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
1,2-Dichloropropane	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
1,3,5-Trimethylbenzene	ND	UJ	600	µg/Kg-dry	500	4/17/2011 05:38 PM
1,3-Dichlorobenzene	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
1,3-Dichloropropane	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
1,4-Dichlorobenzene	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
2,2-Dichloropropane	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
2-Butanone	ND		4,500	µg/Kg-dry	500	4/17/2011 05:38 PM
2-Chlorotoluene	ND	UJ	300	µg/Kg-dry	500	4/17/2011 05:38 PM

KA 5/2/11

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-14
Collection Date: 4/13/2011 11:00 AM

Work Order: 1104321
Lab ID: 1104321-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		3,000	µg/Kg-dry	500	4/17/2011 05:38 PM
2-Methylnaphthalene	**17,000**		**1,800**	**µg/Kg-dry**	500	4/17/2011 05:38 PM
4-Chlorotoluene	ND	UJ	1,200	µg/Kg-dry	500	4/17/2011 05:38 PM
4-Methyl-2-pentanone	ND		3,000	µg/Kg-dry	500	4/17/2011 05:38 PM
Acetone	ND		2,700	µg/Kg-dry	500	4/17/2011 05:38 PM
Acrylonitrile	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Benzene	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
Bromobenzene	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
Bromochloromethane	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
Bromodichloromethane	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
Bromoform	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Carbon disulfide	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
Carbon tetrachloride	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Chlorobenzene	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
Chloroethane	ND		1,800	µg/Kg-dry	500	4/17/2011 05:38 PM
Chloroform	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Chloromethane	ND		1,800	µg/Kg-dry	500	4/17/2011 05:38 PM
cis-1,2-Dichloroethene	ND		1,200	µg/Kg-dry	500	4/17/2011 05:38 PM
cis-1,3-Dichloropropene	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Dibromochloromethane	ND		1,200	µg/Kg-dry	500	4/17/2011 05:38 PM
Dibromomethane	ND		1,200	µg/Kg-dry	500	4/17/2011 05:38 PM
Dichlorodifluoromethane	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Diethyl ether	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Diisopropyl ether	ND		3,000	µg/Kg-dry	500	4/17/2011 05:38 PM
Ethyl tert butyl ether	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Ethylbenzene	ND	UJ	1,200	µg/Kg-dry	500	4/17/2011 05:38 PM
Heptane	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Hexachlorobutadiene	ND	UJ	600	µg/Kg-dry	500	4/17/2011 05:38 PM
Hexachloroethane	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Hexane	ND		1,800	µg/Kg-dry	500	4/17/2011 05:38 PM
Iodomethane	ND		1,500	µg/Kg-dry	500	4/17/2011 05:38 PM
Isopropylbenzene	**ND**	UJ	**600**	**µg/Kg-dry**	500	4/17/2011 05:38 PM
m,p-Xylene	ND	UJ	1,200	µg/Kg-dry	500	4/17/2011 05:38 PM
Methyl tert-butyl ether	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
Methylene chloride	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
n-Butylbenzene	**4,000**	J	**300**	**µg/Kg-dry**	500	4/17/2011 05:38 PM
n-Propylbenzene	**1,000**	J	**600**	**µg/Kg-dry**	500	4/17/2011 05:38 PM
Naphthalene	**23,000**	J	**1,200**	**µg/Kg-dry**	500	4/17/2011 05:38 PM
o-Xylene	ND	UJ	600	µg/Kg-dry	500	4/17/2011 05:38 PM
p-Isopropyltoluene	**2,000**	J	**600**	**µg/Kg-dry**	500	4/17/2011 05:38 PM

KH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-14
Collection Date: 4/13/2011 11:00 AM

Work Order: 1104321
Lab ID: 1104321-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	ND	UJ	600	µg/Kg-dry	500	4/17/2011 05:38 PM
Styrene	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
tert-Amyl methyl ether	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
tert-Butyl alcohol	ND		3,000	µg/Kg-dry	500	4/17/2011 05:38 PM
tert-Butylbenzene	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
Tetrachloroethene	**1,200**		**300**	**µg/Kg-dry**	500	4/17/2011 05:38 PM
Tetrahydrofuran	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
Toluene	ND	UJ	890	µg/Kg-dry	500	4/17/2011 05:38 PM
trans-1,2-Dichloroethene	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
trans-1,3-Dichloropropene	ND		890	µg/Kg-dry	500	4/17/2011 05:38 PM
trans-1,4-Dichloro-2-butene	ND	UJ	2,100	µg/Kg-dry	500	4/17/2011 05:38 PM
Trichloroethene	ND		300	µg/Kg-dry	500	4/17/2011 05:38 PM
Trichlorofluoromethane	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Vinyl acetate	ND		8,900	µg/Kg-dry	500	4/17/2011 05:38 PM
Vinyl chloride	ND		240	µg/Kg-dry	500	4/17/2011 05:38 PM
1,2-Dichloroethene, Total	ND		1,500	µg/Kg-dry	500	4/17/2011 05:38 PM
1,3-Dichloropropene, Total	ND		600	µg/Kg-dry	500	4/17/2011 05:38 PM
Xylenes, Total	ND	UJ	1,800	µg/Kg-dry	500	4/17/2011 05:38 PM
Surr: 1,2-Dichloroethane-d4	*103*		*70-120*	*%REC*	500	4/17/2011 05:38 PM
Surr: 4-Bromofluorobenzene	*102*		*75-120*	*%REC*	500	4/17/2011 05:38 PM
Surr: Dibromofluoromethane	*96.2*		*85-115*	*%REC*	500	4/17/2011 05:38 PM
Surr: Toluene-d8	*93.8*		*85-115*	*%REC*	500	4/17/2011 05:38 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**16**		**0.050**	**% of sample**	1	4/14/2011 11:52 AM

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-15
Collection Date: 4/13/2011 11:10 AM

Work Order: 1104321
Lab ID: 1104321-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/15/2011**	Analyst: **JD**
Aroclor 1016	ND	UJ	49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1221	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1232	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1242	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1248	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1254	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1260	ND	UJ	49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1262	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1268	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Surr: Decachlorobiphenyl	*89.1*		*40-140*	*%REC*	1	4/18/2011 10:20 AM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **CES**
Arsenic	ND		0.35	mg/Kg-dry	2	4/15/2011 03:12 AM
Lead	**1.3**		**0.035**	**mg/Kg-dry**	2	4/15/2011 03:12 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1,2-Tetrachloroethane	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
1,1,1-Trichloroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,1,2,2-Tetrachloroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,1,2-Trichloroethane	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
1,1,2-Trichlorotrifluoroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,1-Dichloroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,1-Dichloroethene	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
1,1-Dichloropropene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2,3-Trichlorobenzene	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2,3-Trichloropropane	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2,4-Trichlorobenzene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2,4-Trimethylbenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2-Dibromo-3-chloropropane	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2-Dibromoethane	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2-Dichlorobenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2-Dichloroethane	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2-Dichloropropane	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
1,3,5-Trimethylbenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
1,3-Dichlorobenzene	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
1,3-Dichloropropane	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
1,4-Dichlorobenzene	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
2,2-Dichloropropane	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
2-Butanone	ND		930	µg/Kg-dry	100	4/17/2011 07:52 AM
2-Chlorotoluene	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM

KH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-15
Collection Date: 4/13/2011 11:10 AM

Work Order: 1104321
Lab ID: 1104321-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		620	µg/Kg-dry	100	4/17/2011 07:52 AM
2-Methylnaphthalene	ND		370	µg/Kg-dry	100	4/17/2011 07:52 AM
4-Chlorotoluene	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
4-Methyl-2-pentanone	ND	UJ	620	µg/Kg-dry	100	4/17/2011 07:52 AM
Acetone	ND		560	µg/Kg-dry	100	4/17/2011 07:52 AM
Acrylonitrile	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Benzene	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
Bromobenzene	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
Bromochloromethane	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
Bromodichloromethane	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
Bromoform	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Carbon disulfide	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
Carbon tetrachloride	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Chlorobenzene	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
Chloroethane	ND		370	µg/Kg-dry	100	4/17/2011 07:52 AM
Chloroform	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Chloromethane	ND		370	µg/Kg-dry	100	4/17/2011 07:52 AM
cis-1,2-Dichloroethene	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
cis-1,3-Dichloropropene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Dibromochloromethane	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
Dibromomethane	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
Dichlorodifluoromethane	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Diethyl ether	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Diisopropyl ether	ND		620	µg/Kg-dry	100	4/17/2011 07:52 AM
Ethyl tert butyl ether	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Ethylbenzene	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
Heptane	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Hexachlorobutadiene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Hexachloroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Hexane	ND		370	µg/Kg-dry	100	4/17/2011 07:52 AM
Iodomethane	ND		310	µg/Kg-dry	100	4/17/2011 07:52 AM
Isopropylbenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
m,p-Xylene	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
Methyl tert-butyl ether	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
Methylene chloride	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
n-Butylbenzene	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
n-Propylbenzene	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
Naphthalene	ND		250	µg/Kg-dry	100	4/17/2011 07:52 AM
o-Xylene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
p-Isopropyltoluene	ND		430	µg/Kg-dry	100	4/17/2011 07:52 AM

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-15
Collection Date: 4/13/2011 11:10 AM

Work Order: 1104321
Lab ID: 1104321-02
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Styrene	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
tert-Amyl methyl ether	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
tert-Butyl alcohol	ND		620	µg/Kg-dry	100	4/17/2011 07:52 AM
tert-Butylbenzene	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
Tetrachloroethene	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
Tetrahydrofuran	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
Toluene	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
trans-1,2-Dichloroethene	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
trans-1,3-Dichloropropene	ND		190	µg/Kg-dry	100	4/17/2011 07:52 AM
trans-1,4-Dichloro-2-butene	ND		430	µg/Kg-dry	100	4/17/2011 07:52 AM
Trichloroethene	ND		62	µg/Kg-dry	100	4/17/2011 07:52 AM
Trichlorofluoromethane	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Vinyl acetate	ND		1,900	µg/Kg-dry	100	4/17/2011 07:52 AM
Vinyl chloride	ND		49	µg/Kg-dry	100	4/17/2011 07:52 AM
1,2-Dichloroethene, Total	ND		310	µg/Kg-dry	100	4/17/2011 07:52 AM
1,3-Dichloropropene, Total	ND		120	µg/Kg-dry	100	4/17/2011 07:52 AM
Xylenes, Total	ND		370	µg/Kg-dry	100	4/17/2011 07:52 AM
Surr: 1,2-Dichloroethane-d4	*91.7*		*70-120*	*%REC*	100	4/17/2011 07:52 AM
Surr: 4-Bromofluorobenzene	*97.6*		*75-120*	*%REC*	100	4/17/2011 07:52 AM
Surr: Dibromofluoromethane	*92.3*		*85-115*	*%REC*	100	4/17/2011 07:52 AM
Surr: Toluene-d8	*99.8*		*85-115*	*%REC*	100	4/17/2011 07:52 AM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**19**		**0.050**	**% of sample**	1	4/14/2011 12:20 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-16
Collection Date: 4/13/2011 11:20 AM

Work Order: 1104321
Lab ID: 1104321-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/15/2011**	Analyst: **JD**
Aroclor 1016	ND	UJ	49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1221	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1232	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1242	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1248	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1254	**110**		**49**	**µg/Kg-dry**	1	4/18/2011 10:20 AM
Aroclor 1260	ND	UJ	49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1262	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1268	ND		49	µg/Kg-dry	1	4/18/2011 10:20 AM
Surr: Decachlorobiphenyl	*76.1*		*40-140*	*%REC*	1	4/18/2011 10:20 AM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **CES**
Arsenic	**1.1**		**0.40**	**mg/Kg-dry**	2	4/15/2011 03:42 AM
Lead	**1.7**		**0.040**	**mg/Kg-dry**	2	4/15/2011 03:42 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1,2-Tetrachloroethane	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
1,1,1-Trichloroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,1,2,2-Tetrachloroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,1,2-Trichloroethane	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
1,1,2-Trichlorotrifluoroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,1-Dichloroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,1-Dichloroethene	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
1,1-Dichloropropene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2,3-Trichlorobenzene	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2,3-Trichloropropane	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2,4-Trichlorobenzene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2,4-Trimethylbenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2-Dibromo-3-chloropropane	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2-Dibromoethane	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2-Dichlorobenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2-Dichloroethane	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2-Dichloropropane	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
1,3,5-Trimethylbenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
1,3-Dichlorobenzene	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
1,3-Dichloropropane	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
1,4-Dichlorobenzene	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
2,2-Dichloropropane	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
2-Butanone	ND		920	µg/Kg-dry	100	4/17/2011 07:25 AM
2-Chlorotoluene	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM

KH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-16
Collection Date: 4/13/2011 11:20 AM

Work Order: 1104321
Lab ID: 1104321-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		620	µg/Kg-dry	100	4/17/2011 07:25 AM
2-Methylnaphthalene	ND		370	µg/Kg-dry	100	4/17/2011 07:25 AM
4-Chlorotoluene	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
4-Methyl-2-pentanone	ND	UJ	620	µg/Kg-dry	100	4/17/2011 07:25 AM
Acetone	ND		550	µg/Kg-dry	100	4/17/2011 07:25 AM
Acrylonitrile	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Benzene	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
Bromobenzene	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
Bromochloromethane	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
Bromodichloromethane	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
Bromoform	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Carbon disulfide	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
Carbon tetrachloride	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Chlorobenzene	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
Chloroethane	ND		370	µg/Kg-dry	100	4/17/2011 07:25 AM
Chloroform	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Chloromethane	ND		370	µg/Kg-dry	100	4/17/2011 07:25 AM
cis-1,2-Dichloroethene	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
cis-1,3-Dichloropropene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Dibromochloromethane	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
Dibromomethane	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
Dichlorodifluoromethane	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Diethyl ether	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Diisopropyl ether	ND		620	µg/Kg-dry	100	4/17/2011 07:25 AM
Ethyl tert butyl ether	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Ethylbenzene	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
Heptane	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Hexachlorobutadiene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Hexachloroethane	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Hexane	ND		370	µg/Kg-dry	100	4/17/2011 07:25 AM
Iodomethane	ND		310	µg/Kg-dry	100	4/17/2011 07:25 AM
Isopropylbenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
m,p-Xylene	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
Methyl tert-butyl ether	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
Methylene chloride	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
n-Butylbenzene	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
n-Propylbenzene	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
Naphthalene	ND		250	µg/Kg-dry	100	4/17/2011 07:25 AM
o-Xylene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
p-Isopropyltoluene	ND		430	µg/Kg-dry	100	4/17/2011 07:25 AM

RA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-16
Collection Date: 4/13/2011 11:20 AM

Work Order: 1104321
Lab ID: 1104321-03
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Styrene	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
tert-Amyl methyl ether	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
tert-Butyl alcohol	ND		620	µg/Kg-dry	100	4/17/2011 07:25 AM
tert-Butylbenzene	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
Tetrachloroethene	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
Tetrahydrofuran	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
Toluene	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
trans-1,2-Dichloroethene	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
trans-1,3-Dichloropropene	ND		180	µg/Kg-dry	100	4/17/2011 07:25 AM
trans-1,4-Dichloro-2-butene	ND		430	µg/Kg-dry	100	4/17/2011 07:25 AM
Trichloroethene	ND		62	µg/Kg-dry	100	4/17/2011 07:25 AM
Trichlorofluoromethane	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Vinyl acetate	ND		1,800	µg/Kg-dry	100	4/17/2011 07:25 AM
Vinyl chloride	ND		49	µg/Kg-dry	100	4/17/2011 07:25 AM
1,2-Dichloroethene, Total	ND		310	µg/Kg-dry	100	4/17/2011 07:25 AM
1,3-Dichloropropene, Total	ND		120	µg/Kg-dry	100	4/17/2011 07:25 AM
Xylenes, Total	ND		370	µg/Kg-dry	100	4/17/2011 07:25 AM
Surr: 1,2-Dichloroethane-d4	*91.3*		*70-120*	*%REC*	100	4/17/2011 07:25 AM
Surr: 4-Bromofluorobenzene	*99.4*		*75-120*	*%REC*	100	4/17/2011 07:25 AM
Surr: Dibromofluoromethane	*92.2*		*85-115*	*%REC*	100	4/17/2011 07:25 AM
Surr: Toluene-d8	*100*		*85-115*	*%REC*	100	4/17/2011 07:25 AM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**19**		**0.050**	**% of sample**	1	4/14/2011 12:20 PM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-17
Collection Date: 4/13/2011 11:30 AM

Work Order: 1104321
Lab ID: 1104321-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/15/2011**	Analyst: **JD**
Aroclor 1016	ND	UJ	48	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1221	ND		48	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1232	ND		48	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1242	ND		48	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1248	ND		48	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1254	ND		48	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1260	ND	UJ	48	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1262	ND		48	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1268	ND		48	µg/Kg-dry	1	4/18/2011 10:20 AM
Surr: Decachlorobiphenyl	*78.1*		*40-140*	*%REC*	1	4/18/2011 10:20 AM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **CES**
Arsenic	**3.9**		**0.44**	**mg/Kg-dry**	2	4/15/2011 03:48 AM
Lead	**73**		**0.044**	**mg/Kg-dry**	2	4/15/2011 03:48 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
1,1,1-Trichloroethane	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,1,2,2-Tetrachloroethane	ND	UJ	130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,1,2-Trichloroethane	ND		64	µg/Kg-dry	100	4/17/2011 05:12 PM
1,1,2-Trichlorotrifluoroethane	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,1-Dichloroethane	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,1-Dichloroethene	ND		64	µg/Kg-dry	100	4/17/2011 05:12 PM
1,1-Dichloropropene	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2,3-Trichlorobenzene	ND	UJ	260	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2,3-Trichloropropane	ND	UJ	260	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2,4-Trichlorobenzene	ND	UJ	130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2,4-Trimethylbenzene	ND	UJ	130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2-Dibromo-3-chloropropane	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2-Dibromoethane	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2-Dichlorobenzene	ND	UJ	130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2-Dichloroethane	ND		64	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2-Dichloropropane	ND		64	µg/Kg-dry	100	4/17/2011 05:12 PM
1,3,5-Trimethylbenzene	ND	UJ	130	µg/Kg-dry	100	4/17/2011 05:12 PM
1,3-Dichlorobenzene	ND		64	µg/Kg-dry	100	4/17/2011 05:12 PM
1,3-Dichloropropane	ND		64	µg/Kg-dry	100	4/17/2011 05:12 PM
1,4-Dichlorobenzene	ND		64	µg/Kg-dry	100	4/17/2011 05:12 PM
2,2-Dichloropropane	ND		64	µg/Kg-dry	100	4/17/2011 05:12 PM
2-Butanone	ND		960	µg/Kg-dry	100	4/17/2011 05:12 PM
2-Chlorotoluene	ND	UJ	64	µg/Kg-dry	100	4/17/2011 05:12 PM

KB 5/2/11

KB 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-17
Collection Date: 4/13/2011 11:30 AM

Work Order: 1104321
Lab ID: 1104321-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		640	µg/Kg-dry	100	4/17/2011 05:12 PM
2-Methylnaphthalene	ND		380	µg/Kg-dry	100	4/17/2011 05:12 PM
4-Chlorotoluene	ND	UJ	260	µg/Kg-dry	100	4/17/2011 05:12 PM
4-Methyl-2-pentanone	ND		640	µg/Kg-dry	100	4/17/2011 05:12 PM
Acetone	ND		570	µg/Kg-dry	100	4/17/2011 05:12 PM
Acrylonitrile	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Benzene	ND		64	µg/Kg-dry	100	4/17/2011 05:12 PM
Bromobenzene	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
Bromochloromethane	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
Bromodichloromethane	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
Bromoform	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Carbon disulfide	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
Carbon tetrachloride	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Chlorobenzene	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
Chloroethane	ND		380	µg/Kg-dry	100	4/17/2011 05:12 PM
Chloroform	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Chloromethane	ND		380	µg/Kg-dry	100	4/17/2011 05:12 PM
cis-1,2-Dichloroethene	ND		260	µg/Kg-dry	100	4/17/2011 05:12 PM
cis-1,3-Dichloropropene	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Dibromochloromethane	ND		260	µg/Kg-dry	100	4/17/2011 05:12 PM
Dibromomethane	ND		260	µg/Kg-dry	100	4/17/2011 05:12 PM
Dichlorodifluoromethane	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Diethyl ether	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Diisopropyl ether	ND		640	µg/Kg-dry	100	4/17/2011 05:12 PM
Ethyl tert butyl ether	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Ethylbenzene	ND	UJ	260	µg/Kg-dry	100	4/17/2011 05:12 PM
Heptane	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Hexachlorobutadiene	ND	UJ	130	µg/Kg-dry	100	4/17/2011 05:12 PM
Hexachloroethane	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Hexane	ND		380	µg/Kg-dry	100	4/17/2011 05:12 PM
Iodomethane	ND		320	µg/Kg-dry	100	4/17/2011 05:12 PM
Isopropylbenzene	ND	UJ	130	µg/Kg-dry	100	4/17/2011 05:12 PM
m,p-Xylene	ND	UJ	260	µg/Kg-dry	100	4/17/2011 05:12 PM
Methyl tert-butyl ether	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
Methylene chloride	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
n-Butylbenzene	ND	UJ	64	µg/Kg-dry	100	4/17/2011 05:12 PM
n-Propylbenzene	ND	UJ	260	µg/Kg-dry	100	4/17/2011 05:12 PM
Naphthalene	ND	UJ	260	µg/Kg-dry	100	4/17/2011 05:12 PM
o-Xylene	ND	UJ	130	µg/Kg-dry	100	4/17/2011 05:12 PM
p-Isopropyltoluene	ND	UJ	450	µg/Kg-dry	100	4/17/2011 05:12 PM

KH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-17
Collection Date: 4/13/2011 11:30 AM

Work Order: 1104321
Lab ID: 1104321-04
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	ND	UJ	130	µg/Kg-dry	100	4/17/2011 05:12 PM
Styrene	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
tert-Amyl methyl ether	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
tert-Butyl alcohol	ND		640	µg/Kg-dry	100	4/17/2011 05:12 PM
tert-Butylbenzene	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
Tetrachloroethene	**110,000**		**640**	**µg/Kg-dry**	1000	4/16/2011 02:02 AM
Tetrahydrofuran	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
Toluene	ND	UJ	190	µg/Kg-dry	100	4/17/2011 05:12 PM
trans-1,2-Dichloroethene	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
trans-1,3-Dichloropropene	ND		190	µg/Kg-dry	100	4/17/2011 05:12 PM
trans-1,4-Dichloro-2-butene	ND	UJ	450	µg/Kg-dry	100	4/17/2011 05:12 PM
Trichloroethene	**1,400**		**64**	**µg/Kg-dry**	100	4/17/2011 05:12 PM
Trichlorofluoromethane	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Vinyl acetate	ND		1,900	µg/Kg-dry	100	4/17/2011 05:12 PM
Vinyl chloride	ND		51	µg/Kg-dry	100	4/17/2011 05:12 PM
1,2-Dichloroethene, Total	ND		320	µg/Kg-dry	100	4/17/2011 05:12 PM
1,3-Dichloropropene, Total	ND		130	µg/Kg-dry	100	4/17/2011 05:12 PM
Xylenes, Total	ND	UJ	380	µg/Kg-dry	100	4/17/2011 05:12 PM
Surr: 1,2-Dichloroethane-d4	*102*		*70-120*	*%REC*	100	4/17/2011 05:12 PM
Surr: 1,2-Dichloroethane-d4	*102*		*70-120*	*%REC*	1000	4/16/2011 02:02 AM
Surr: 4-Bromofluorobenzene	*100*		*75-120*	*%REC*	100	4/17/2011 05:12 PM
Surr: 4-Bromofluorobenzene	*95.8*		*75-120*	*%REC*	1000	4/16/2011 02:02 AM
Surr: Dibromofluoromethane	*94.4*		*85-115*	*%REC*	100	4/17/2011 05:12 PM
Surr: Dibromofluoromethane	*98.7*		*85-115*	*%REC*	1000	4/16/2011 02:02 AM
Surr: Toluene-d8	*100*		*85-115*	*%REC*	1000	4/16/2011 02:02 AM
Surr: Toluene-d8	*94.0*		*85-115*	*%REC*	100	4/17/2011 05:12 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**22**		**0.050**	**% of sample**	1	4/14/2011 12:20 PM

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-18
Collection Date: 4/13/2011 11:40 AM

Work Order: 1104321
Lab ID: 1104321-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/15/2011**	Analyst: **JD**
Aroclor 1016	ND	UJ	45	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1221	ND		45	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1232	ND		45	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1242	ND		45	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1248	ND		45	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1254	ND		45	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1260	ND	UJ	45	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1262	ND		45	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1268	ND		45	µg/Kg-dry	1	4/18/2011 10:20 AM
Surr: Decachlorobiphenyl	*80.1*		*40-140*	*%REC*	1	4/18/2011 10:20 AM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **CES**
Arsenic	ND		0.32	mg/Kg-dry	2	4/15/2011 03:54 AM
Lead	**1.4**		**0.032**	**mg/Kg-dry**	2	4/15/2011 03:54 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
1,1,1-Trichloroethane	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,1,2,2-Tetrachloroethane	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,1,2-Trichloroethane	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
1,1,2-Trichlorotrifluoroethane	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,1-Dichloroethane	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,1-Dichloroethene	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
1,1-Dichloropropene	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2,3-Trichlorobenzene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2,3-Trichloropropane	ND	UJ	230	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2,4-Trichlorobenzene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2,4-Trimethylbenzene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2-Dibromo-3-chloropropane	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2-Dibromoethane	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2-Dichlorobenzene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2-Dichloroethane	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2-Dichloropropane	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
1,3,5-Trimethylbenzene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM
1,3-Dichlorobenzene	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
1,3-Dichloropropane	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
1,4-Dichlorobenzene	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
2,2-Dichloropropane	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
2-Butanone	ND		860	µg/Kg-dry	100	4/17/2011 04:46 PM
2-Chlorotoluene	ND	UJ	58	µg/Kg-dry	100	4/17/2011 04:46 PM

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KB 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-18
Collection Date: 4/13/2011 11:40 AM

Work Order: 1104321
Lab ID: 1104321-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		580	µg/Kg-dry	100	4/17/2011 04:46 PM
2-Methylnaphthalene	ND		350	µg/Kg-dry	100	4/17/2011 04:46 PM
4-Chlorotoluene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 04:46 PM
4-Methyl-2-pentanone	ND		580	µg/Kg-dry	100	4/17/2011 04:46 PM
Acetone	ND		520	µg/Kg-dry	100	4/17/2011 04:46 PM
Acrylonitrile	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Benzene	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
Bromobenzene	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
Bromochloromethane	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
Bromodichloromethane	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
Bromoform	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Carbon disulfide	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
Carbon tetrachloride	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Chlorobenzene	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
Chloroethane	ND		350	µg/Kg-dry	100	4/17/2011 04:46 PM
Chloroform	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Chloromethane	ND		350	µg/Kg-dry	100	4/17/2011 04:46 PM
cis-1,2-Dichloroethene	ND		230	µg/Kg-dry	100	4/17/2011 04:46 PM
cis-1,3-Dichloropropene	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Dibromochloromethane	ND		230	µg/Kg-dry	100	4/17/2011 04:46 PM
Dibromomethane	ND		230	µg/Kg-dry	100	4/17/2011 04:46 PM
Dichlorodifluoromethane	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Diethyl ether	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Diisopropyl ether	ND		580	µg/Kg-dry	100	4/17/2011 04:46 PM
Ethyl tert butyl ether	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Ethylbenzene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 04:46 PM
Heptane	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Hexachlorobutadiene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM
Hexachloroethane	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Hexane	ND		350	µg/Kg-dry	100	4/17/2011 04:46 PM
Iodomethane	ND		290	µg/Kg-dry	100	4/17/2011 04:46 PM
Isopropylbenzene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM
m,p-Xylene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 04:46 PM
Methyl tert-butyl ether	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
Methylene chloride	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
n-Butylbenzene	ND	UJ	58	µg/Kg-dry	100	4/17/2011 04:46 PM
n-Propylbenzene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 04:46 PM
Naphthalene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 04:46 PM
o-Xylene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM
p-Isopropyltoluene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM

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RH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-S-VS-18
Collection Date: 4/13/2011 11:40 AM

Work Order: 1104321
Lab ID: 1104321-05
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	ND	UJ	120	µg/Kg-dry	100	4/17/2011 04:46 PM
Styrene	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
tert-Amyl methyl ether	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
tert-Butyl alcohol	ND		580	µg/Kg-dry	100	4/17/2011 04:46 PM
tert-Butylbenzene	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
Tetrachloroethene	**1,100**		**58**	**µg/Kg-dry**	100	4/17/2011 04:46 PM
Tetrahydrofuran	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
Toluene	ND	UJ	170	µg/Kg-dry	100	4/17/2011 04:46 PM
trans-1,2-Dichloroethene	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
trans-1,3-Dichloropropene	ND		170	µg/Kg-dry	100	4/17/2011 04:46 PM
trans-1,4-Dichloro-2-butene	ND	UJ	400	µg/Kg-dry	100	4/17/2011 04:46 PM
Trichloroethene	ND		58	µg/Kg-dry	100	4/17/2011 04:46 PM
Trichlorofluoromethane	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Vinyl acetate	ND		1,700	µg/Kg-dry	100	4/17/2011 04:46 PM
Vinyl chloride	ND		46	µg/Kg-dry	100	4/17/2011 04:46 PM
1,2-Dichloroethene, Total	ND		290	µg/Kg-dry	100	4/17/2011 04:46 PM
1,3-Dichloropropene, Total	ND		120	µg/Kg-dry	100	4/17/2011 04:46 PM
Xylenes, Total	ND	UJ	350	µg/Kg-dry	100	4/17/2011 04:46 PM
Surr: 1,2-Dichloroethane-d4	*99.1*		*70-120*	*%REC*	100	4/17/2011 04:46 PM
Surr: 4-Bromofluorobenzene	*97.5*		*75-120*	*%REC*	100	4/17/2011 04:46 PM
Surr: Dibromofluoromethane	*92.6*		*85-115*	*%REC*	100	4/17/2011 04:46 PM
Surr: Toluene-d8	*95.4*		*85-115*	*%REC*	100	4/17/2011 04:46 PM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**13**		**0.050**	**% of sample**	1	4/14/2011 12:20 PM

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-18
Collection Date: 4/13/2011 11:45 AM

Work Order: 1104321
Lab ID: 1104321-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PCBS			**SW8082**		Prep Date: **4/15/2011**	Analyst: **JD**
Aroclor 1016	ND	UJ	44	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1221	ND		44	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1232	ND		44	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1242	ND		44	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1248	ND		44	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1254	ND		44	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1260	ND	UJ	44	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1262	ND		44	µg/Kg-dry	1	4/18/2011 10:20 AM
Aroclor 1268	ND		44	µg/Kg-dry	1	4/18/2011 10:20 AM
Surr: Decachlorobiphenyl	*91.1*		*40-140*	*%REC*	1	4/18/2011 10:20 AM
METALS BY ICP-MS			**SW6020A**		Prep Date: **4/14/2011**	Analyst: **CES**
Arsenic	ND		0.39	mg/Kg-dry	2	4/15/2011 04:00 AM
Lead	**0.87**		**0.039**	**mg/Kg-dry**	2	4/15/2011 04:00 AM
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **BG**
1,1,1,2-Tetrachloroethane	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
1,1,1-Trichloroethane	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,1,2,2-Tetrachloroethane	ND	UJ	110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,1,2-Trichloroethane	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
1,1,2-Trichlorotrifluoroethane	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,1-Dichloroethane	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,1-Dichloroethene	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
1,1-Dichloropropene	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2,3-Trichlorobenzene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2,3-Trichloropropane	ND	UJ	230	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2,4-Trichlorobenzene	ND	UJ	110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2,4-Trimethylbenzene	ND	UJ	110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2-Dibromo-3-chloropropane	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2-Dibromoethane	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2-Dichlorobenzene	ND	UJ	110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2-Dichloroethane	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2-Dichloropropane	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
1,3,5-Trimethylbenzene	ND	UJ	110	µg/Kg-dry	100	4/17/2011 11:39 AM
1,3-Dichlorobenzene	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
1,3-Dichloropropane	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
1,4-Dichlorobenzene	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
2,2-Dichloropropane	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
2-Butanone	ND		850	µg/Kg-dry	100	4/17/2011 11:39 AM
2-Chlorotoluene	ND	UJ	57	µg/Kg-dry	100	4/17/2011 11:39 AM

KA 5/2/11

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-18
Collection Date: 4/13/2011 11:45 AM

Work Order: 1104321
Lab ID: 1104321-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Hexanone	ND		570	µg/Kg-dry	100	4/17/2011 11:39 AM
2-Methylnaphthalene	ND		340	µg/Kg-dry	100	4/17/2011 11:39 AM
4-Chlorotoluene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 11:39 AM
4-Methyl-2-pentanone	ND	UJ	570	µg/Kg-dry	100	4/17/2011 11:39 AM
Acetone	ND		510	µg/Kg-dry	100	4/17/2011 11:39 AM
Acrylonitrile	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Benzene	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
Bromobenzene	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
Bromochloromethane	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
Bromodichloromethane	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
Bromoform	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Carbon disulfide	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
Carbon tetrachloride	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Chlorobenzene	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
Chloroethane	ND		340	µg/Kg-dry	100	4/17/2011 11:39 AM
Chloroform	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Chloromethane	ND		340	µg/Kg-dry	100	4/17/2011 11:39 AM
cis-1,2-Dichloroethene	ND		230	µg/Kg-dry	100	4/17/2011 11:39 AM
cis-1,3-Dichloropropene	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Dibromochloromethane	ND		230	µg/Kg-dry	100	4/17/2011 11:39 AM
Dibromomethane	ND		230	µg/Kg-dry	100	4/17/2011 11:39 AM
Dichlorodifluoromethane	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Diethyl ether	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Diisopropyl ether	ND		570	µg/Kg-dry	100	4/17/2011 11:39 AM
Ethyl tert butyl ether	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Ethylbenzene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 11:39 AM
Heptane	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Hexachlorobutadiene	ND	UJ	110	µg/Kg-dry	100	4/17/2011 11:39 AM
Hexachloroethane	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Hexane	ND		340	µg/Kg-dry	100	4/17/2011 11:39 AM
Iodomethane	ND		280	µg/Kg-dry	100	4/17/2011 11:39 AM
Isopropylbenzene	ND	UJ	110	µg/Kg-dry	100	4/17/2011 11:39 AM
m,p-Xylene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 11:39 AM
Methyl tert-butyl ether	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
Methylene chloride	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
n-Butylbenzene	ND	UJ	57	µg/Kg-dry	100	4/17/2011 11:39 AM
n-Propylbenzene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 11:39 AM
Naphthalene	ND	UJ	230	µg/Kg-dry	100	4/17/2011 11:39 AM
o-Xylene	ND	UJ	110	µg/Kg-dry	100	4/17/2011 11:39 AM
p-Isopropyltoluene	ND	UJ	400	µg/Kg-dry	100	4/17/2011 11:39 AM

KH 5/2/11

KH 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-FD-VS-18
Collection Date: 4/13/2011 11:45 AM

Work Order: 1104321
Lab ID: 1104321-06
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
sec-Butylbenzene	ND	UJ	110	µg/Kg-dry	100	4/17/2011 11:39 AM
Styrene	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
tert-Amyl methyl ether	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
tert-Butyl alcohol	ND		570	µg/Kg-dry	100	4/17/2011 11:39 AM
tert-Butylbenzene	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
Tetrachloroethene	**320**		**57**	**µg/Kg-dry**	100	4/17/2011 11:39 AM
Tetrahydrofuran	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
Toluene	ND	UJ	170	µg/Kg-dry	100	4/17/2011 11:39 AM
trans-1,2-Dichloroethene	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
trans-1,3-Dichloropropene	ND		170	µg/Kg-dry	100	4/17/2011 11:39 AM
trans-1,4-Dichloro-2-butene	ND	UJ	400	µg/Kg-dry	100	4/17/2011 11:39 AM
Trichloroethene	ND		57	µg/Kg-dry	100	4/17/2011 11:39 AM
Trichlorofluoromethane	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Vinyl acetate	ND		1,700	µg/Kg-dry	100	4/17/2011 11:39 AM
Vinyl chloride	ND		45	µg/Kg-dry	100	4/17/2011 11:39 AM
1,2-Dichloroethene, Total	ND		280	µg/Kg-dry	100	4/17/2011 11:39 AM
1,3-Dichloropropene, Total	ND		110	µg/Kg-dry	100	4/17/2011 11:39 AM
Xylenes, Total	ND	UJ	340	µg/Kg-dry	100	4/17/2011 11:39 AM
Surr: 1,2-Dichloroethane-d4	*104*		*70-120*	*%REC*	100	4/17/2011 11:39 AM
Surr: 4-Bromofluorobenzene	*98.7*		*75-120*	*%REC*	100	4/17/2011 11:39 AM
Surr: Dibromofluoromethane	*97.0*		*85-115*	*%REC*	100	4/17/2011 11:39 AM
Surr: Toluene-d8	*98.3*		*85-115*	*%REC*	100	4/17/2011 11:39 AM
MOISTURE			**A2540 G**			Analyst: **KV**
Moisture	**12**		**0.050**	**% of sample**	1	4/14/2011 12:20 PM

KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-MB-01
Collection Date: 4/13/2011

Work Order: 1104321
Lab ID: 1104321-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			**SW8260**			Analyst: **AK**
1,1,1,2-Tetrachloroethane	ND		150	µg/Kg	100	4/17/2011 06:57 AM
1,1,1-Trichloroethane	ND		100	µg/Kg	100	4/17/2011 06:57 AM
1,1,2,2-Tetrachloroethane	ND		100	µg/Kg	100	4/17/2011 06:57 AM
1,1,2-Trichloroethane	ND		50	µg/Kg	100	4/17/2011 06:57 AM
1,1,2-Trichlorotrifluoroethane	ND		100	µg/Kg	100	4/17/2011 06:57 AM
1,1-Dichloroethane	ND		100	µg/Kg	100	4/17/2011 06:57 AM
1,1-Dichloroethene	ND		50	µg/Kg	100	4/17/2011 06:57 AM
1,1-Dichloropropene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
1,2,3-Trichlorobenzene	ND		200	µg/Kg	100	4/17/2011 06:57 AM
1,2,3-Trichloropropane	ND		200	µg/Kg	100	4/17/2011 06:57 AM
1,2,4-Trichlorobenzene	ND	UJ	100	µg/Kg	100	4/17/2011 06:57 AM
1,2,4-Trimethylbenzene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
1,2-Dibromo-3-chloropropane	ND		100	µg/Kg	100	4/17/2011 06:57 AM
1,2-Dibromoethane	ND		150	µg/Kg	100	4/17/2011 06:57 AM
1,2-Dichlorobenzene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
1,2-Dichloroethane	ND		50	µg/Kg	100	4/17/2011 06:57 AM
1,2-Dichloropropane	ND		50	µg/Kg	100	4/17/2011 06:57 AM
1,3,5-Trimethylbenzene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
1,3-Dichlorobenzene	ND		50	µg/Kg	100	4/17/2011 06:57 AM
1,3-Dichloropropane	ND		50	µg/Kg	100	4/17/2011 06:57 AM
1,4-Dichlorobenzene	ND		50	µg/Kg	100	4/17/2011 06:57 AM
2,2-Dichloropropane	ND		50	µg/Kg	100	4/17/2011 06:57 AM
2-Butanone	ND		750	µg/Kg	100	4/17/2011 06:57 AM
2-Chlorotoluene	ND		50	µg/Kg	100	4/17/2011 06:57 AM
2-Hexanone	ND		500	µg/Kg	100	4/17/2011 06:57 AM
2-Methylnaphthalene	ND		300	µg/Kg	100	4/17/2011 06:57 AM
4-Chlorotoluene	ND		200	µg/Kg	100	4/17/2011 06:57 AM
4-Methyl-2-pentanone	ND	UJ	500	µg/Kg	100	4/17/2011 06:57 AM
Acetone	ND		450	µg/Kg	100	4/17/2011 06:57 AM
Acrylonitrile	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Benzene	ND		50	µg/Kg	100	4/17/2011 06:57 AM
Bromobenzene	ND		150	µg/Kg	100	4/17/2011 06:57 AM
Bromochloromethane	ND		150	µg/Kg	100	4/17/2011 06:57 AM
Bromodichloromethane	ND		150	µg/Kg	100	4/17/2011 06:57 AM
Bromoform	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Carbon disulfide	ND		150	µg/Kg	100	4/17/2011 06:57 AM
Carbon tetrachloride	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Chlorobenzene	ND		150	µg/Kg	100	4/17/2011 06:57 AM
Chloroethane	ND		300	µg/Kg	100	4/17/2011 06:57 AM

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KA 5/2/11

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-MB-01
Collection Date: 4/13/2011

Work Order: 1104321
Lab ID: 1104321-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloroform	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Chloromethane	ND		300	µg/Kg	100	4/17/2011 06:57 AM
cis-1,2-Dichloroethene	ND		200	µg/Kg	100	4/17/2011 06:57 AM
cis-1,3-Dichloropropene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Dibromochloromethane	ND		200	µg/Kg	100	4/17/2011 06:57 AM
Dibromomethane	ND		200	µg/Kg	100	4/17/2011 06:57 AM
Dichlorodifluoromethane	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Diethyl ether	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Diisopropyl ether	ND		500	µg/Kg	100	4/17/2011 06:57 AM
Ethyl tert butyl ether	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Ethylbenzene	ND		200	µg/Kg	100	4/17/2011 06:57 AM
Heptane	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Hexachlorobutadiene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Hexachloroethane	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Hexane	ND		300	µg/Kg	100	4/17/2011 06:57 AM
Iodomethane	ND		250	µg/Kg	100	4/17/2011 06:57 AM
Isopropylbenzene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
m,p-Xylene	ND		200	µg/Kg	100	4/17/2011 06:57 AM
Methyl tert-butyl ether	ND		150	µg/Kg	100	4/17/2011 06:57 AM
Methylene chloride	ND		100	µg/Kg	100	4/17/2011 06:57 AM
n-Butylbenzene	ND		50	µg/Kg	100	4/17/2011 06:57 AM
n-Propylbenzene	ND		200	µg/Kg	100	4/17/2011 06:57 AM
Naphthalene	ND		200	µg/Kg	100	4/17/2011 06:57 AM
o-Xylene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
p-Isopropyltoluene	ND		350	µg/Kg	100	4/17/2011 06:57 AM
sec-Butylbenzene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Styrene	ND		150	µg/Kg	100	4/17/2011 06:57 AM
tert-Amyl methyl ether	ND		100	µg/Kg	100	4/17/2011 06:57 AM
tert-Butyl alcohol	ND		500	µg/Kg	100	4/17/2011 06:57 AM
tert-Butylbenzene	ND		150	µg/Kg	100	4/17/2011 06:57 AM
Tetrachloroethene	ND		50	µg/Kg	100	4/17/2011 06:57 AM
Tetrahydrofuran	ND		150	µg/Kg	100	4/17/2011 06:57 AM
Toluene	ND		150	µg/Kg	100	4/17/2011 06:57 AM
trans-1,2-Dichloroethene	ND		100	µg/Kg	100	4/17/2011 06:57 AM
trans-1,3-Dichloropropene	ND		150	µg/Kg	100	4/17/2011 06:57 AM
trans-1,4-Dichloro-2-butene	ND		350	µg/Kg	100	4/17/2011 06:57 AM
Trichloroethene	ND		50	µg/Kg	100	4/17/2011 06:57 AM
Trichlorofluoromethane	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Vinyl acetate	ND		1,500	µg/Kg	100	4/17/2011 06:57 AM
Vinyl chloride	ND		40	µg/Kg	100	4/17/2011 06:57 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: *01-May-11*

Client: Horizon Environmental
Project: Reclamation Oil
Sample ID: RO-MB-01
Collection Date: 4/13/2011

Work Order: 1104321
Lab ID: 1104321-07
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloroethene, Total	ND		250	µg/Kg	100	4/17/2011 06:57 AM
1,3-Dichloropropene, Total	ND		100	µg/Kg	100	4/17/2011 06:57 AM
Xylenes, Total	ND		300	µg/Kg	100	4/17/2011 06:57 AM
Surr: 1,2-Dichloroethane-d4	*92.1*		*70-120*	*%REC*	100	4/17/2011 06:57 AM
Surr: 4-Bromofluorobenzene	*96.9*		*75-120*	*%REC*	100	4/17/2011 06:57 AM
Surr: Dibromofluoromethane	*92.1*		*85-115*	*%REC*	100	4/17/2011 06:57 AM
Surr: Toluene-d8	*101*		*85-115*	*%REC*	100	4/17/2011 06:57 AM

Note: See Qualifiers page for a list of qualifiers and their definitions.

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32848** Instrument ID **GC4** Method: **SW8082**

MBLK Sample ID: **PBLKS1-32848-32848** Units: **µg/Kg** Analysis Date: **4/15/2011 03:30 PM**

Client ID: Run ID: **GC4_110415A** SeqNo: **1602042** Prep Date: **4/15/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	40								
Aroclor 1221	ND	40								
Aroclor 1232	ND	40								
Aroclor 1242	ND	40								
Aroclor 1248	ND	40								
Aroclor 1254	ND	40								
Aroclor 1260	ND	40								
Aroclor 1262	ND	40								
Aroclor 1268	ND	40								
Surr: Decachlorobiphenyl	*32*	0	*33.3*	0	*96.1*	*50-130*	0			

MBLK Sample ID: **PBLKS1-32848-32848** Units: **µg/Kg** Analysis Date: **4/15/2011 03:30 PM**

Client ID: Run ID: **GC4_110415A** SeqNo: **1602045** Prep Date: **4/15/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	ND	40								
Aroclor 1221	ND	40								
Aroclor 1232	ND	40								
Aroclor 1242	ND	40								
Aroclor 1248	ND	40								
Aroclor 1254	ND	40								
Aroclor 1260	ND	40								
Surr: Decachlorobiphenyl	*32*	0	*33.3*	0	*96.1*	*50-130*	0			

LCS Sample ID: **PLCSS1-32848-32848** Units: **µg/Kg** Analysis Date: **4/15/2011 03:30 PM**

Client ID: Run ID: **GC4_110415A** SeqNo: **1602044** Prep Date: **4/15/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	818.7	40	833	0	98.3	50-130	0			
Aroclor 1260	811	40	833	0	97.4	50-130	0			
Surr: Decachlorobiphenyl	*30*	0	*33.3*	0	*90.1*	*50-130*	0			

LCS Sample ID: **PLCSS1-32848-32848** Units: **µg/Kg** Analysis Date: **4/15/2011 03:30 PM**

Client ID: Run ID: **GC4_110415A** SeqNo: **1602047** Prep Date: **4/15/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	818.7	40	833	0	98.3	50-130	0			
Aroclor 1260	811	40	833	0	97.4	50-130	0			
Surr: Decachlorobiphenyl	*30*	0	*33.3*	0	*90.1*	*50-130*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32848** Instrument ID **GC4** Method: **SW8082**

LCSD Sample ID: **PLCSDS1-32848-32848** Units: **µg/Kg** Analysis Date: **4/15/2011 03:30 PM**
Client ID: Run ID: **GC4_110415A** SeqNo: **1602043** Prep Date: **4/15/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	833.7	40	833	0	100	50-130	818.7	1.82	25	
Aroclor 1260	879	40	833	0	106	50-130	811	8.05	25	
Surr: Decachlorobiphenyl	*32.33*	0	*33.3*	0	*97.1*	*50-130*	30	*7.49*	*25*	

LCSD Sample ID: **PLCSDS1-32848-32848** Units: **µg/Kg** Analysis Date: **4/15/2011 03:30 PM**
Client ID: Run ID: **GC4_110415A** SeqNo: **1602046** Prep Date: **4/15/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	833.7	40	833	0	100	50-130	818.7	1.82	25	
Aroclor 1260	879	40	833	0	106	50-130	811	8.05	25	
Surr: Decachlorobiphenyl	*32.33*	0	*33.3*	0	*97.1*	*50-130*	30	*7.49*	*25*	

MS Sample ID: **1104350-01A MS** Units: **µg/Kg** Analysis Date: **4/15/2011 03:30 PM**
Client ID: Run ID: **GC4_110415A** SeqNo: **1602038** Prep Date: **4/15/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1308	37	764.4	0	171	40-140	0			S
Aroclor 1260	3744	37	764.4	0	490	40-140	0			SE
Surr: Decachlorobiphenyl	*24.16*	0	*30.56*	0	*79.1*	*40-140*	0			

MSD Sample ID: **1104350-01A MSD** Units: **µg/Kg** Analysis Date: **4/15/2011 03:30 PM**
Client ID: Run ID: **GC4_110415A** SeqNo: **1602039** Prep Date: **4/15/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aroclor 1016	1201	36	750.4	0	160	40-140	1308	8.58	50	S
Aroclor 1260	3135	36	750.4	0	418	40-140	3744	17.7	50	SE
Surr: Decachlorobiphenyl	*21.32*	0	*30*	0	*71.1*	*40-140*	24.16	*12.5*	*50*	

The following samples were analyzed in this batch:

1104321-01B	1104321-02B	1104321-03B
1104321-04B	1104321-05B	1104321-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **32832** Instrument ID **ICPMS1** Method: **SW6020A**

MBLK Sample ID: **MBLK-32832-32832** Units: **mg/Kg** Analysis Date: **4/15/2011 02:23 AM**
Client ID: Run ID: **ICPMS1_110414A** SeqNo: **1600504** Prep Date: **4/14/2011** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.25								
Lead	0.004985	0.25								J

LCS Sample ID: **LCS-32832-32832** Units: **mg/Kg** Analysis Date: **4/15/2011 02:29 AM**
Client ID: Run ID: **ICPMS1_110414A** SeqNo: **1600505** Prep Date: **4/14/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.351	0.50	5	0	87	80-120	0			
Lead	4.516	0.50	5	0	90.3	80-120	0			

LCSD Sample ID: **LCSD-32832-32832** Units: **mg/Kg** Analysis Date: **4/15/2011 02:35 AM**
Client ID: Run ID: **ICPMS1_110414A** SeqNo: **1600506** Prep Date: **4/14/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	4.341	0.50	5	0	86.8	80-120	4.351	0.23	20	
Lead	4.548	0.50	5	0	91	80-120	4.516	0.706	20	

MS Sample ID: **1104321-02BMS** Units: **mg/Kg** Analysis Date: **4/15/2011 03:24 AM**
Client ID: **RO-S-VS-15** Run ID: **ICPMS1_110414A** SeqNo: **1600519** Prep Date: **4/14/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.342	0.84	8.432	0.2327	84.3	80-120	0			
Lead	8.28	0.84	8.432	1.054	85.7	80-120	0			

MSD Sample ID: **1104321-02BMSD** Units: **mg/Kg** Analysis Date: **4/15/2011 03:30 AM**
Client ID: **RO-S-VS-15** Run ID: **ICPMS1_110414A** SeqNo: **1600522** Prep Date: **4/14/2011** DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	7.658	0.83	8.34	0.2327	89	80-120	7.342	4.21	25	
Lead	8.839	0.83	8.34	1.054	93.3	80-120	8.28	6.53	25	

The following samples were analyzed in this batch:

1104321-01B	1104321-02B	1104321-03B
1104321-04B	1104321-05B	1104321-06B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89067** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW2-110415-R89067** Units: **µg/L** Analysis Date: **4/15/2011 10:38 PM**

Client ID: Run ID: **VMS6_110415B** SeqNo: **1601418** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tetrachloroethene	ND	2.0								
Surr: 1,2-Dichloroethane-d4	*101*	0	*100*	0	*101*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*94.03*	0	*100*	0	*94*	*75-120*	0			
Surr: Dibromofluoromethane	*98.97*	0	*100*	0	*99*	*85-115*	0			
Surr: Toluene-d8	*101.2*	0	*100*	0	*101*	*85-120*	0			

LCS Sample ID: **VLCSW2-110415-R89067** Units: **µg/L** Analysis Date: **4/15/2011 09:21 PM**

Client ID: Run ID: **VMS6_110415B** SeqNo: **1601416** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tetrachloroethene	22.07	2.0	20	0	110	45-150	0			
Surr: 1,2-Dichloroethane-d4	*98.83*	0	*100*	0	*98.8*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*96.45*	0	*100*	0	*96.4*	*75-120*	0			
Surr: Dibromofluoromethane	*98.56*	0	*100*	0	*98.6*	*85-115*	0			
Surr: Toluene-d8	*101*	0	*100*	0	*101*	*85-120*	0			

LCSD Sample ID: **VLCSDW2-110415-R89067** Units: **µg/L** Analysis Date: **4/15/2011 09:47 PM**

Client ID: Run ID: **VMS6_110415B** SeqNo: **1601417** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tetrachloroethene	22.97	2.0	20	0	115	45-150	22.07	4	30	
Surr: 1,2-Dichloroethane-d4	*99.72*	0	*100*	0	*99.7*	*70-120*	98.83	*0.896*	*30*	
Surr: 4-Bromofluorobenzene	*97.9*	0	*100*	0	*97.9*	*75-120*	96.45	*1.49*	*30*	
Surr: Dibromofluoromethane	*99.88*	0	*100*	0	*99.9*	*85-115*	98.56	*1.33*	*30*	
Surr: Toluene-d8	*101.3*	0	*100*	0	*101*	*85-120*	101	*0.326*	*30*	

MS Sample ID: **1104361-06C MS** Units: **µg/L** Analysis Date: **4/16/2011 07:12 AM**

Client ID: Run ID: **VMS6_110415B** SeqNo: **1601496** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tetrachloroethene	22.53	2.0	20	0	113	45-150	0			
Surr: 1,2-Dichloroethane-d4	*101.7*	0	*100*	0	*102*	*70-120*	0			
Surr: 4-Bromofluorobenzene	*97.59*	0	*100*	0	*97.6*	*75-120*	0			
Surr: Dibromofluoromethane	*100.4*	0	*100*	0	*100*	*85-115*	0			
Surr: Toluene-d8	*99.94*	0	*100*	0	*99.9*	*85-120*	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89067** Instrument ID **VMS6** Method: **SW8260**

MSD Sample ID: **1104361-06C MSD** Units: **µg/L** Analysis Date: **4/16/2011 07:38 AM**

Client ID: Run ID: **VMS6_110415B** SeqNo: **1601497** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Tetrachloroethene	21.63	2.0	20	0	108	45-150	22.53	4.08	30	
Surr: 1,2-Dichloroethane-d4	*101*	0	*100*	0	*101*	*70-120*	101.7	*0.77*	*30*	
Surr: 4-Bromofluorobenzene	*97.34*	0	*100*	0	*97.3*	*75-120*	97.59	*0.257*	*30*	
Surr: Dibromofluoromethane	*99.79*	0	*100*	0	*99.8*	*85-115*	100.4	*0.629*	*30*	
Surr: Toluene-d8	*99.59*	0	*100*	0	*99.6*	*85-120*	99.94	*0.351*	*30*	

The following samples were analyzed in this batch: 1104321-01A 1104321-04A 1104321-05A 1104321-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

MBLK Sample ID: **VBLKW2-110416-R89078** Units: **µg/L** Analysis Date: **4/17/2011 12:11 PM**

Client ID: Run ID: **VMS8_110416A** SeqNo: **1601655** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

cis-1,2-Dichloroethene	ND	1.0						
cis-1,3-Dichloropropene	ND	1.0						
Dibromochloromethane	ND	1.0						
Dibromomethane	ND	1.0						
Dichlorodifluoromethane	ND	1.0						
Diethyl ether	ND	10						
Diisopropyl ether	ND	5.0						
Ethyl tert butyl ether	ND	5.0						
Ethylbenzene	ND	1.0						
Hexachlorobutadiene	ND	5.0						
Hexachloroethane	ND	1.0						
Hexane	ND	5.0						
Iodomethane	ND	5.0						
Isopropylbenzene	ND	1.0						
m,p-Xylene	ND	2.0						
Methyl tert-butyl ether	ND	5.0						
Methylene chloride	ND	5.0						
n-Butylbenzene	ND	1.0						
n-Propylbenzene	ND	1.0						
Naphthalene	0.96	5.0						J
o-Xylene	ND	1.0						
p-Isopropyltoluene	ND	2.0						
sec-Butylbenzene	ND	2.0						
Styrene	ND	1.0						
tert-Butyl alcohol	ND	50						
tert-Butylbenzene	ND	2.0						
Tetrachloroethene	ND	2.0						
Tetrahydrofuran	ND	10						
Toluene	ND	1.0						
trans-1,2-Dichloroethene	ND	1.0						
trans-1,3-Dichloropropene	ND	1.0						
trans-1,4-Dichloro-2-butene	ND	5.0						
Trichloroethene	ND	1.0						
Trichlorofluoromethane	ND	1.0						
Vinyl acetate	ND	1.0						
Vinyl chloride	ND	1.0						
1,2-Dichloroethene, Total	ND	2.0						
1,3-Dichloropropene, Total	ND	2.0						
Xylenes, Total	ND	2.0						
Surr: 1,2-Dichloroethane-d4	*99.29*	0	*100*	0	*99.3*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*98.38*	0	*100*	0	*98.4*	*75-120*	0	
Surr: Dibromofluoromethane	*101.1*	0	*100*	0	*101*	*85-115*	0	
Surr: Toluene-d8	*99.88*	0	*100*	0	*99.9*	*85-120*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

LCS Sample ID: **VLCSW1-110416-R89078** Units: **µg/L** Analysis Date: **4/16/2011 10:50 PM**

Client ID: Run ID: **VMS8_110416A** SeqNo: **1601653** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.91	1.0	20	0	105	80-130	0			
1,1,1-Trichloroethane	21.27	1.0	20	0	106	65-130	0			
1,1,2,2-Tetrachloroethane	22.91	1.0	20	0	115	65-130	0			
1,1,2-Trichloroethane	22.36	1.0	20	0	112	75-125	0			
1,1-Dichloroethane	22.12	1.0	20	0	111	70-135	0			
1,1-Dichloroethene	23.84	1.0	20	0	119	70-130	0			
1,1-Dichloropropene	21.06	1.0	20	0	105	75-130	0			
1,2,3-Trichlorobenzene	23.68	3.0	20	0	118	55-140	0			
1,2,3-Trichloropropane	22.75	1.0	20	0	114	75-125	0			
1,2,4-Trichlorobenzene	21.74	1.0	20	0	109	65-135	0			
1,2,4-Trimethylbenzene	23.08	1.0	20	0	115	75-130	0			
1,2-Dibromo-3-chloropropane	23.12	1.0	20	0	116	50-130	0			
1,2-Dibromoethane	23.46	1.0	20	0	117	80-120	0			
1,2-Dichlorobenzene	22.29	1.0	20	0	111	70-120	0			
1,2-Dichloroethane	21.92	1.0	20	0	110	70-130	0			
1,2-Dichloropropane	22.88	2.0	20	0	114	75-125	0			
1,3,5-Trimethylbenzene	23.43	1.0	20	0	117	75-130	0			
1,3-Dichlorobenzene	21.68	2.0	20	0	108	75-125	0			
1,3-Dichloropropane	22.62	1.0	20	0	113	75-125	0			
1,4-Dichlorobenzene	21.17	2.0	20	0	106	75-125	0			
2,2-Dichloropropane	18.99	1.0	20	0	95	70-135	0			
2-Butanone	9.56	5.0	20	0	47.8	30-150	0			
2-Chlorotoluene	22.56	2.0	20	0	113	75-125	0			
2-Hexanone	20.84	5.0	20	0	104	55-130	0			
4-Chlorotoluene	22.35	1.0	20	0	112	75-135	0			
4-Isopropyltoluene	22.56	1.0	20	0	113	75-135	0			
4-Methyl-2-pentanone	27.43	5.0	20	0	137	60-135	0			S
Acetone	16.22	20	20	0	81.1	40-140	0			J
Acrylonitrile	21.2	1.0	20	0	106	70-135	0			
Benzene	22.12	1.0	20	0	111	80-120	0			
Bromobenzene	22.06	1.0	20	0	110	75-125	0			
Bromochloromethane	23.05	1.0	20	0	115	65-130	0			
Bromodichloromethane	22.31	1.0	20	0	112	75-120	0			
Bromoform	22.58	1.0	20	0	113	70-130	0			
Carbon disulfide	25.12	2.5	20	0	126	35-165	0			
Carbon tetrachloride	20.55	1.0	20	0	103	65-140	0			
Chlorobenzene	22.27	1.0	20	0	111	80-120	0			
Chloroethane	18.78	1.0	20	0	93.9	60-135	0			
Chloroform	21.9	1.0	20	0	110	65-135	0			
Chloromethane	17.57	1.0	20	0	87.8	70-125	0			
cis-1,2-Dichloroethene	22	1.0	20	0	110	70-125	0			
cis-1,3-Dichloropropene	22.02	1.0	20	0	110	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

Dibromochloromethane	22.66	1.0	20	0	113	60-135	0
Dibromomethane	22.53	1.0	20	0	113	75-125	0
Dichlorodifluoromethane	18.26	1.0	20	0	91.3	30-155	0
Ethylbenzene	22.67	1.0	20	0	113	75-125	0
Hexachlorobutadiene	24.97	5.0	20	0	125	50-140	0
Hexachloroethane	21.13	1.0	20	0	106	70-135	0
Iodomethane	21.17	5.0	20	0	106	70-135	0
Isopropylbenzene	21.45	1.0	20	0	107	75-125	0
m,p-Xylene	45.21	2.0	40	0	113	75-130	0
Methyl tert-butyl ether	21.09	5.0	20	0	105	65-125	0
Methylene chloride	20.72	5.0	20	0	104	55-140	0
n-Butylbenzene	22.9	1.0	20	0	114	70-135	0
n-Propylbenzene	22.42	1.0	20	0	112	70-130	0
Naphthalene	24.98	5.0	20	0	125	55-140	0
o-Xylene	22.81	1.0	20	0	114	80-120	0
p-Isopropyltoluene	22.56	2.0	20	0	113	75-130	0
sec-Butylbenzene	23.26	2.0	20	0	116	70-125	0
Styrene	21.33	1.0	20	0	107	65-135	0
tert-Butylbenzene	23.53	2.0	20	0	118	70-130	0
Tetrachloroethene	22.61	2.0	20	0	113	45-150	0
Tetrahydrofuran	17.92	10	20	0	89.6	70-135	0
Toluene	21.35	1.0	20	0	107	75-120	0
trans-1,2-Dichloroethene	22.87	1.0	20	0	114	60-140	0
trans-1,3-Dichloropropene	21.87	1.0	20	0	109	55-140	0
trans-1,4-Dichloro-2-butene	18.85	5.0	20	0	94.2	70-135	0
Trichloroethene	22.68	1.0	20	0	113	70-125	0
Trichlorofluoromethane	16.79	1.0	20	0	84	60-145	0
Vinyl chloride	20.14	1.0	20	0	101	50-145	0
Xylenes, Total	68.02	2.0	60	0	113	75-130	0
Surr: 1,2-Dichloroethane-d4	*98.58*	0	*100*	0	*98.6*	*70-120*	0
Surr: 4-Bromofluorobenzene	*100.5*	0	*100*	0	*101*	*75-120*	0
Surr: Dibromofluoromethane	*101.6*	0	*100*	0	*102*	*85-115*	0
Surr: Toluene-d8	*100.6*	0	*100*	0	*101*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110416-R89078** Units: **µg/L** Analysis Date: **4/16/2011 11:17 PM**

Client ID: Run ID: **VMS8_110416A** SeqNo: **1601654** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	21.28	1.0	20	0	106	80-130	20.91	1.75	30	
1,1,1-Trichloroethane	22.32	1.0	20	0	112	65-130	21.27	4.82	30	
1,1,2,2-Tetrachloroethane	23.16	1.0	20	0	116	65-130	22.91	1.09	30	
1,1,2-Trichloroethane	22.49	1.0	20	0	112	75-125	22.36	0.58	30	
1,1-Dichloroethane	22.66	1.0	20	0	113	70-135	22.12	2.41	30	
1,1-Dichloroethene	24.81	1.0	20	0	124	70-130	23.84	3.99	30	
1,1-Dichloropropene	22.82	1.0	20	0	114	75-130	21.06	8.02	30	
1,2,3-Trichlorobenzene	22.44	3.0	20	0	112	55-140	23.68	5.38	30	
1,2,3-Trichloropropane	22.79	1.0	20	0	114	75-125	22.75	0.176	30	
1,2,4-Trichlorobenzene	21.44	1.0	20	0	107	65-135	21.74	1.39	30	
1,2,4-Trimethylbenzene	23.8	1.0	20	0	119	75-130	23.08	3.07	30	
1,2-Dibromo-3-chloropropane	22.3	1.0	20	0	112	50-130	23.12	3.61	30	
1,2-Dibromoethane	24.03	1.0	20	0	120	80-120	23.46	2.4	30	S
1,2-Dichlorobenzene	22.34	1.0	20	0	112	70-120	22.29	0.224	30	
1,2-Dichloroethane	22.53	1.0	20	0	113	70-130	21.92	2.74	30	
1,2-Dichloropropane	23.57	2.0	20	0	118	75-125	22.88	2.97	30	
1,3,5-Trimethylbenzene	24.06	1.0	20	0	120	75-130	23.43	2.65	30	
1,3-Dichlorobenzene	22.25	2.0	20	0	111	75-125	21.68	2.6	30	
1,3-Dichloropropane	23.16	1.0	20	0	116	75-125	22.62	2.36	30	
1,4-Dichlorobenzene	21.88	2.0	20	0	109	75-125	21.17	3.3	30	
2,2-Dichloropropane	19.19	1.0	20	0	96	70-135	18.99	1.05	30	
2-Butanone	8.97	5.0	20	0	44.8	30-150	9.56	6.37	30	
2-Chlorotoluene	23.19	2.0	20	0	116	75-125	22.56	2.75	30	
2-Hexanone	21.2	5.0	20	0	106	55-130	20.84	1.71	30	
4-Chlorotoluene	23.16	1.0	20	0	116	75-135	22.35	3.56	30	
4-Isopropyltoluene	23.55	1.0	20	0	118	75-135	22.56	4.29	30	
4-Methyl-2-pentanone	28.01	5.0	20	0	140	60-135	27.43	2.09	30	S
Acetone	16.38	20	20	0	81.9	40-140	16.22	0	30	J
Acrylonitrile	21.13	1.0	20	0	106	70-135	21.2	0.331	30	
Benzene	23.02	1.0	20	0	115	80-120	22.12	3.99	30	
Bromobenzene	22.59	1.0	20	0	113	75-125	22.06	2.37	30	
Bromochloromethane	23.43	1.0	20	0	117	65-130	23.05	1.64	30	
Bromodichloromethane	22.86	1.0	20	0	114	75-120	22.31	2.44	30	
Bromoform	22.65	1.0	20	0	113	70-130	22.58	0.31	30	
Carbon disulfide	26	2.5	20	0	130	35-165	25.12	3.44	30	
Carbon tetrachloride	21.36	1.0	20	0	107	65-140	20.55	3.87	30	
Chlorobenzene	22.83	1.0	20	0	114	80-120	22.27	2.48	30	
Chloroethane	19.7	1.0	20	0	98.5	60-135	18.78	4.78	30	
Chloroform	22.4	1.0	20	0	112	65-135	21.9	2.26	30	
Chloromethane	17.83	1.0	20	0	89.2	70-125	17.57	1.47	30	
cis-1,2-Dichloroethene	22.51	1.0	20	0	113	70-125	22	2.29	30	
cis-1,3-Dichloropropene	22.68	1.0	20	0	113	70-130	22.02	2.95	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

Dibromochloromethane	22.7	1.0	20	0	114	60-135	22.66	0.176	30
Dibromomethane	22.99	1.0	20	0	115	75-125	22.53	2.02	30
Dichlorodifluoromethane	18.47	1.0	20	0	92.4	30-155	18.26	1.14	30
Ethylbenzene	23.51	1.0	20	0	118	75-125	22.67	3.64	30
Hexachlorobutadiene	24.99	5.0	20	0	125	50-140	24.97	0.0801	30
Hexachloroethane	21.05	1.0	20	0	105	70-135	21.13	0.379	30
Iodomethane	22.07	5.0	20	0	110	70-135	21.17	4.16	30
Isopropylbenzene	22.37	1.0	20	0	112	75-125	21.45	4.2	30
m,p-Xylene	46.9	2.0	40	0	117	75-130	45.21	3.67	30
Methyl tert-butyl ether	21.41	5.0	20	0	107	65-125	21.09	1.51	30
Methylene chloride	21.73	5.0	20	0	109	55-140	20.72	4.76	30
n-Butylbenzene	23.68	1.0	20	0	118	70-135	22.9	3.35	30
n-Propylbenzene	23.35	1.0	20	0	117	70-130	22.42	4.06	30
Naphthalene	24	5.0	20	0	120	55-140	24.98	4	30
o-Xylene	23.64	1.0	20	0	118	80-120	22.81	3.57	30
p-Isopropyltoluene	23.55	2.0	20	0	118	75-130	22.56	4.29	30
sec-Butylbenzene	24.35	2.0	20	0	122	70-125	23.26	4.58	30
Styrene	21.76	1.0	20	0	109	65-135	21.33	2	30
tert-Butylbenzene	24.4	2.0	20	0	122	70-130	23.53	3.63	30
Tetrachloroethene	23.46	2.0	20	0	117	45-150	22.61	3.69	30
Tetrahydrofuran	17.77	10	20	0	88.8	70-135	17.92	0.841	30
Toluene	22.03	1.0	20	0	110	75-120	21.35	3.14	30
trans-1,2-Dichloroethene	23.85	1.0	20	0	119	60-140	22.87	4.2	30
trans-1,3-Dichloropropene	22.08	1.0	20	0	110	55-140	21.87	0.956	30
trans-1,4-Dichloro-2-butene	18.78	5.0	20	0	93.9	70-135	18.85	0.372	30
Trichloroethene	23.81	1.0	20	0	119	70-125	22.68	4.86	30
Trichlorofluoromethane	17.65	1.0	20	0	88.2	60-145	16.79	4.99	30
Vinyl chloride	20.64	1.0	20	0	103	50-145	20.14	2.45	30
Xylenes, Total	70.54	2.0	60	0	118	75-130	68.02	3.64	30
Surr: 1,2-Dichloroethane-d4	*99.25*	0	*100*	0	*99.2*	*70-120*	98.58	*0.677*	*30*
Surr: 4-Bromofluorobenzene	*101.5*	0	*100*	0	*101*	*75-120*	100.5	*0.941*	*30*
Surr: Dibromofluoromethane	*101.4*	0	*100*	0	*101*	*85-115*	101.6	*0.118*	*30*
Surr: Toluene-d8	*101*	0	*100*	0	*101*	*85-120*	100.6	*0.387*	*30*

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

MS Sample ID: **1104361-04C MS** Units: **µg/L** Analysis Date: **4/17/2011 08:46 AM**

Client ID: Run ID: **VMS8_110416A** SeqNo: **1601666** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	24.9	1.0	25	0	99.6	80-130	0			
1,1,1-Trichloroethane	26.42	1.0	25	0	106	65-130	0			
1,1,2,2-Tetrachloroethane	26.59	1.0	25	0	106	65-130	0			
1,1,2-Trichloroethane	26.77	1.0	25	0	107	75-125	0			
1,1-Dichloroethane	27.16	1.0	25	0	109	70-135	0			
1,1-Dichloroethene	29.31	1.0	25	0	117	70-130	0			
1,1-Dichloropropene	28.18	1.0	25	0	113	75-130	0			
1,2,3-Trichlorobenzene	24.01	3.0	25	0	96	55-140	0			
1,2,3-Trichloropropane	25.41	1.0	25	0	102	75-125	0			
1,2,4-Trichlorobenzene	23.06	1.0	25	0	92.2	65-135	0			
1,2,4-Trimethylbenzene	26.51	1.0	25	0	106	75-130	0			
1,2-Dibromo-3-chloropropane	24.35	1.0	25	0	97.4	50-130	0			
1,2-Dibromoethane	27.78	1.0	25	0	111	80-120	0			
1,2-Dichlorobenzene	25.77	1.0	25	0	103	70-120	0			
1,2-Dichloroethane	24.79	1.0	25	0	99.2	70-130	0			
1,2-Dichloropropane	28.05	2.0	25	0	112	75-125	0			
1,3,5-Trimethylbenzene	27.18	1.0	25	0	109	75-130	0			
1,3-Dichlorobenzene	25.72	2.0	25	0	103	75-125	0			
1,3-Dichloropropane	26.61	1.0	25	0	106	75-125	0			
1,4-Dichlorobenzene	25.14	2.0	25	0	101	75-125	0			
2,2-Dichloropropane	18.38	1.0	25	0	73.5	70-135	0			
2-Butanone	22.56	5.0	25	0	90.2	30-150	0			
2-Chlorotoluene	26.67	2.0	25	0	107	75-125	0			
2-Hexanone	25.75	5.0	25	0	103	55-130	0			
4-Chlorotoluene	26.3	1.0	25	0	105	75-135	0			
4-Isopropyltoluene	27.7	1.0	25	0	111	75-135	0			
4-Methyl-2-pentanone	33.77	5.0	25	0	135	60-135	0			S
Acetone	21.49	20	25	0	86	40-140	0			
Acrylonitrile	24.09	1.0	25	0	96.4	70-135	0			
Benzene	27.77	1.0	25	0	111	80-120	0			
Bromobenzene	25.8	1.0	25	0	103	75-125	0			
Bromochloromethane	27.26	1.0	25	0	109	65-130	0			
Bromodichloromethane	25.7	1.0	25	0	103	75-120	0			
Bromoform	25.46	1.0	25	0	102	70-130	0			
Carbon disulfide	29.42	2.5	25	0	118	35-165	0			
Carbon tetrachloride	25.45	1.0	25	0	102	65-140	0			
Chlorobenzene	27.35	1.0	25	0	109	80-120	0			
Chloroethane	23.7	1.0	25	0	94.8	60-135	0			
Chloroform	26.23	1.0	25	0	105	65-135	0			
Chloromethane	21.55	1.0	25	0	86.2	70-125	0			
cis-1,2-Dichloroethene	26.84	1.0	25	0	107	70-125	0			
cis-1,3-Dichloropropene	25.3	1.0	25	0	101	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

Dibromochloromethane	26.05	1.0	25	0	104	60-135	0
Dibromomethane	26.16	1.0	25	0	105	75-125	0
Dichlorodifluoromethane	25.08	1.0	25	0	100	30-155	0
Ethylbenzene	28.19	1.0	25	0	113	75-125	0
Hexachlorobutadiene	26.37	5.0	25	0	105	50-140	0
Hexachloroethane	24.45	1.0	25	0	97.8	70-135	0
Iodomethane	22.3	5.0	25	0	89.2	70-135	0
Isopropylbenzene	26.58	1.0	25	0	106	75-125	0
m,p-Xylene	55.19	2.0	50	0	110	75-130	0
Methyl tert-butyl ether	25.2	5.0	25	0	101	65-125	0
Methylene chloride	24.22	5.0	25	0	96.9	55-140	0
n-Butylbenzene	27.37	1.0	25	0	109	70-135	0
n-Propylbenzene	27.55	1.0	25	0	110	70-130	0
Naphthalene	24.62	5.0	25	0	98.5	55-140	0
o-Xylene	27.75	1.0	25	0	111	80-120	0
p-Isopropyltoluene	27.7	2.0	25	0	111	75-130	0
sec-Butylbenzene	28.93	2.0	25	0	116	70-125	0
Styrene	25.08	1.0	25	0	100	65-135	0
tert-Butylbenzene	28.33	2.0	25	0	113	70-130	0
Tetrachloroethene	28.38	2.0	25	0	114	45-150	0
Tetrahydrofuran	21.09	10	25	0	84.4	70-135	0
Toluene	26.73	1.0	25	0	107	75-120	0
trans-1,2-Dichloroethene	28.31	1.0	25	0	113	60-140	0
trans-1,3-Dichloropropene	24.27	1.0	25	0	97.1	55-140	0
trans-1,4-Dichloro-2-butene	19.23	5.0	25	0	76.9	70-135	0
Trichloroethene	29.35	1.0	25	0	117	70-125	0
Trichlorofluoromethane	21.14	1.0	25	0	84.6	60-145	0
Vinyl chloride	27.01	1.0	25	0	108	50-145	0
Xylenes, Total	82.94	2.0	75	0	111	75-130	0
Surr: 1,2-Dichloroethane-d4	*91*	0	*100*	0	*91*	*70-120*	0
Surr: 4-Bromofluorobenzene	*99.53*	0	*100*	0	*99.5*	*75-120*	0
Surr: Dibromofluoromethane	*98.49*	0	*100*	0	*98.5*	*85-115*	0
Surr: Toluene-d8	*100.3*	0	*100*	0	*100*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

MSD Sample ID: **1104361-04C MSD** Units: **µg/L** Analysis Date: **4/17/2011 09:13 AM**

Client ID: Run ID: **VMS8_110416A** SeqNo: **1601667** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	24.73	1.0	25	0	98.9	80-130	24.9	0.685	30	
1,1,1-Trichloroethane	26.36	1.0	25	0	105	65-130	26.42	0.227	30	
1,1,2,2-Tetrachloroethane	27.35	1.0	25	0	109	65-130	26.59	2.82	30	
1,1,2-Trichloroethane	26.31	1.0	25	0	105	75-125	26.77	1.73	30	
1,1-Dichloroethane	27.34	1.0	25	0	109	70-135	27.16	0.661	30	
1,1-Dichloroethene	29.04	1.0	25	0	116	70-130	29.31	0.925	30	
1,1-Dichloropropene	27.81	1.0	25	0	111	75-130	28.18	1.32	30	
1,2,3-Trichlorobenzene	27.14	3.0	25	0	109	55-140	24.01	12.2	30	
1,2,3-Trichloropropane	26.29	1.0	25	0	105	75-125	25.41	3.4	30	
1,2,4-Trichlorobenzene	25.3	1.0	25	0	101	65-135	23.06	9.26	30	
1,2,4-Trimethylbenzene	27.06	1.0	25	0	108	75-130	26.51	2.05	30	
1,2-Dibromo-3-chloropropane	26.69	1.0	25	0	107	50-130	24.35	9.17	30	
1,2-Dibromoethane	28.18	1.0	25	0	113	80-120	27.78	1.43	30	
1,2-Dichlorobenzene	26.38	1.0	25	0	106	70-120	25.77	2.34	30	
1,2-Dichloroethane	24.86	1.0	25	0	99.4	70-130	24.79	0.282	30	
1,2-Dichloropropane	28.05	2.0	25	0	112	75-125	28.05	0	30	
1,3,5-Trimethylbenzene	27.88	1.0	25	0	112	75-130	27.18	2.54	30	
1,3-Dichlorobenzene	26.28	2.0	25	0	105	75-125	25.72	2.15	30	
1,3-Dichloropropane	26.61	1.0	25	0	106	75-125	26.61	0	30	
1,4-Dichlorobenzene	25.49	2.0	25	0	102	75-125	25.14	1.38	30	
2,2-Dichloropropane	18.53	1.0	25	0	74.1	70-135	18.38	0.813	30	
2-Butanone	24.18	5.0	25	0	96.7	30-150	22.56	6.93	30	
2-Chlorotoluene	27.08	2.0	25	0	108	75-125	26.67	1.53	30	
2-Hexanone	26.64	5.0	25	0	107	55-130	25.75	3.4	30	
4-Chlorotoluene	26.52	1.0	25	0	106	75-135	26.3	0.833	30	
4-Isopropyltoluene	27.97	1.0	25	0	112	75-135	27.7	0.97	30	
4-Methyl-2-pentanone	34.6	5.0	25	0	138	60-135	33.77	2.43	30	S
Acetone	21.95	20	25	0	87.8	40-140	21.49	2.12	30	
Acrylonitrile	25.21	1.0	25	0	101	70-135	24.09	4.54	30	
Benzene	27.92	1.0	25	0	112	80-120	27.77	0.539	30	
Bromobenzene	25.78	1.0	25	0	103	75-125	25.8	0.0775	30	
Bromochloromethane	27.36	1.0	25	0	109	65-130	27.26	0.366	30	
Bromodichloromethane	26.12	1.0	25	0	104	75-120	25.7	1.62	30	
Bromoform	26.21	1.0	25	0	105	70-130	25.46	2.9	30	
Carbon disulfide	29.98	2.5	25	0	120	35-165	29.42	1.89	30	
Carbon tetrachloride	25.58	1.0	25	0	102	65-140	25.45	0.51	30	
Chlorobenzene	27.17	1.0	25	0	109	80-120	27.35	0.66	30	
Chloroethane	23.31	1.0	25	0	93.2	60-135	23.7	1.66	30	
Chloroform	26.36	1.0	25	0	105	65-135	26.23	0.494	30	
Chloromethane	21.6	1.0	25	0	86.4	70-125	21.55	0.232	30	
cis-1,2-Dichloroethene	26.78	1.0	25	0	107	70-125	26.84	0.224	30	
cis-1,3-Dichloropropene	25.3	1.0	25	0	101	70-130	25.3	0	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89078** Instrument ID **VMS8** Method: **SW8260**

Dibromochloromethane	26.24	1.0	25	0	105	60-135	26.05	0.727	30
Dibromomethane	26.44	1.0	25	0	106	75-125	26.16	1.06	30
Dichlorodifluoromethane	24.81	1.0	25	0	99.2	30-155	25.08	1.08	30
Ethylbenzene	28.02	1.0	25	0	112	75-125	28.19	0.605	30
Hexachlorobutadiene	28.96	5.0	25	0	116	50-140	26.37	9.36	30
Hexachloroethane	24.92	1.0	25	0	99.7	70-135	24.45	1.9	30
Iodomethane	25.51	5.0	25	0	102	70-135	22.3	13.4	30
Isopropylbenzene	26.5	1.0	25	0	106	75-125	26.58	0.301	30
m,p-Xylene	55.25	2.0	50	0	110	75-130	55.19	0.109	30
Methyl tert-butyl ether	25.51	5.0	25	0	102	65-125	25.2	1.22	30
Methylene chloride	24.26	5.0	25	0	97	55-140	24.22	0.165	30
n-Butylbenzene	27.87	1.0	25	0	111	70-135	27.37	1.81	30
n-Propylbenzene	27.8	1.0	25	0	111	70-130	27.55	0.903	30
Naphthalene	28.6	5.0	25	0	114	55-140	24.62	15	30
o-Xylene	27.67	1.0	25	0	111	80-120	27.75	0.289	30
p-Isopropyltoluene	27.97	2.0	25	0	112	75-130	27.7	0.97	30
sec-Butylbenzene	29.03	2.0	25	0	116	70-125	28.93	0.345	30
Styrene	24.98	1.0	25	0	99.9	65-135	25.08	0.4	30
tert-Butylbenzene	28.26	2.0	25	0	113	70-130	28.33	0.247	30
Tetrachloroethene	28.6	2.0	25	0	114	45-150	28.38	0.772	30
Tetrahydrofuran	20.82	10	25	0	83.3	70-135	21.09	1.29	30
Toluene	26.45	1.0	25	0	106	75-120	26.73	1.05	30
trans-1,2-Dichloroethene	28.18	1.0	25	0	113	60-140	28.31	0.46	30
trans-1,3-Dichloropropene	24.49	1.0	25	0	98	55-140	24.27	0.902	30
trans-1,4-Dichloro-2-butene	19.65	5.0	25	0	78.6	70-135	19.23	2.16	30
Trichloroethene	29.18	1.0	25	0	117	70-125	29.35	0.581	30
Trichlorofluoromethane	21.18	1.0	25	0	84.7	60-145	21.14	0.189	30
Vinyl chloride	26.95	1.0	25	0	108	50-145	27.01	0.222	30
Xylenes, Total	82.92	2.0	75	0	111	75-130	82.94	0.0241	30
Surr: 1,2-Dichloroethane-d4	*91.82*	0	*100*	0	*91.8*	*70-120*	91	*0.897*	*30*
Surr: 4-Bromofluorobenzene	*97.55*	0	*100*	0	*97.6*	*75-120*	99.53	*2.01*	*30*
Surr: Dibromofluoromethane	*98.73*	0	*100*	0	*98.7*	*85-115*	98.49	*0.243*	*30*
Surr: Toluene-d8	*99.56*	0	*100*	0	*99.6*	*85-120*	100.3	*0.721*	*30*

The following samples were analyzed in this batch: 1104321-02A 1104321-03A 1104321-06A 1104321-07A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

MBLK Sample ID: **VBLKW1-110417-R89079** Units: **µg/L** Analysis Date: **4/17/2011 11:13 AM**

Client ID: Run ID: **VMS6_110417A** SeqNo: **1605673** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
1,1,2-Trichlorotrifluoroethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,1-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	3.0								
1,2,3-Trichloropropane	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	1.0								
1,2-Dibromoethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,2-Dichloroethane	ND	1.0								
1,2-Dichloropropane	ND	2.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,3-Dichlorobenzene	ND	2.0								
1,3-Dichloropropane	ND	1.0								
1,4-Dichlorobenzene	ND	2.0								
2,2-Dichloropropane	ND	1.0								
2-Butanone	ND	5.0								
2-Chlorotoluene	ND	2.0								
2-Hexanone	ND	5.0								
2-Methylnaphthalene	ND	10								
4-Chlorotoluene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	5.0								
Acetone	ND	20								
Acrylonitrile	ND	1.0								
Benzene	ND	1.0								
Bromobenzene	ND	1.0								
Bromochloromethane	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Carbon disulfide	ND	2.5								
Carbon tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	1.0								
Chloroform	ND	1.0								
Chloromethane	ND	1.0								

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

cis-1,2-Dichloroethene	ND	1.0					
cis-1,3-Dichloropropene	ND	1.0					
Dibromochloromethane	ND	1.0					
Dibromomethane	ND	1.0					
Dichlorodifluoromethane	ND	1.0					
Diethyl ether	ND	10					
Diisopropyl ether	ND	5.0					
Ethyl tert butyl ether	ND	5.0					
Ethylbenzene	ND	1.0					
Hexachlorobutadiene	ND	5.0					
Hexachloroethane	ND	1.0					
Hexane	ND	5.0					
Iodomethane	ND	5.0					
Isopropylbenzene	ND	1.0					
m,p-Xylene	ND	2.0					
Methyl tert-butyl ether	ND	5.0					
Methylene chloride	ND	5.0					
n-Butylbenzene	ND	1.0					
n-Propylbenzene	ND	1.0					
Naphthalene	ND	5.0					
o-Xylene	ND	1.0					
p-Isopropyltoluene	ND	2.0					
sec-Butylbenzene	ND	2.0					
Styrene	ND	1.0					
tert-Butyl alcohol	ND	50					
tert-Butylbenzene	ND	2.0					
Tetrachloroethene	ND	2.0					
Tetrahydrofuran	ND	10					
Toluene	ND	1.0					
trans-1,2-Dichloroethene	ND	1.0					
trans-1,3-Dichloropropene	ND	1.0					
trans-1,4-Dichloro-2-butene	ND	5.0					
Trichloroethene	ND	1.0					
Trichlorofluoromethane	ND	1.0					
Vinyl acetate	ND	1.0					
Vinyl chloride	ND	1.0					
1,2-Dichloroethene, Total	ND	2.0					
1,3-Dichloropropene, Total	ND	2.0					
Xylenes, Total	ND	2.0					
Surr: 1,2-Dichloroethane-d4	*102.2*	0	*100*	0	*102*	*70-120*	0
Surr: 4-Bromofluorobenzene	*95.97*	0	*100*	0	*96*	*75-120*	0
Surr: Dibromofluoromethane	*99.33*	0	*100*	0	*99.3*	*85-115*	0
Surr: Toluene-d8	*100.5*	0	*100*	0	*100*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

LCS Sample ID: **VLCSW1-110417-R89079** Units: **µg/L** Analysis Date: **4/17/2011 09:57 AM**

Client ID: Run ID: **VMS6_110417A** SeqNo: **1601706** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.3	1.0	20	0	102	80-130	0			
1,1,1-Trichloroethane	19.99	1.0	20	0	100	65-130	0			
1,1,2,2-Tetrachloroethane	20.9	1.0	20	0	104	65-130	0			
1,1,2-Trichloroethane	20.96	1.0	20	0	105	75-125	0			
1,1-Dichloroethane	20.17	1.0	20	0	101	70-135	0			
1,1-Dichloroethene	20.39	1.0	20	0	102	70-130	0			
1,1-Dichloropropene	19.79	1.0	20	0	99	75-130	0			
1,2,3-Trichlorobenzene	26.85	3.0	20	0	134	55-140	0			
1,2,3-Trichloropropane	21.01	1.0	20	0	105	75-125	0			
1,2,4-Trichlorobenzene	27.64	1.0	20	0	138	65-135	0			S
1,2,4-Trimethylbenzene	20.83	1.0	20	0	104	75-130	0			
1,2-Dibromo-3-chloropropane	25.51	1.0	20	0	128	50-130	0			
1,2-Dibromoethane	20.58	1.0	20	0	103	80-120	0			
1,2-Dichlorobenzene	22.89	1.0	20	0	114	70-120	0			
1,2-Dichloroethane	21.25	1.0	20	0	106	70-130	0			
1,2-Dichloropropane	21.01	2.0	20	0	105	75-125	0			
1,3,5-Trimethylbenzene	21.21	1.0	20	0	106	75-130	0			
1,3-Dichlorobenzene	22.32	2.0	20	0	112	75-125	0			
1,3-Dichloropropane	20.57	1.0	20	0	103	75-125	0			
1,4-Dichlorobenzene	21.91	2.0	20	0	110	75-125	0			
2,2-Dichloropropane	20.15	1.0	20	0	101	70-135	0			
2-Butanone	17.85	5.0	20	0	89.2	30-150	0			
2-Chlorotoluene	22.22	2.0	20	0	111	75-125	0			
2-Hexanone	18.19	5.0	20	0	91	55-130	0			
4-Chlorotoluene	22.1	1.0	20	0	110	75-135	0			
4-Isopropyltoluene	20.72	1.0	20	0	104	75-135	0			
4-Methyl-2-pentanone	24.16	5.0	20	0	121	60-135	0			
Acetone	22.36	20	20	0	112	40-140	0			
Acrylonitrile	20.7	1.0	20	0	104	70-135	0			
Benzene	21.91	1.0	20	0	110	80-120	0			
Bromobenzene	21.03	1.0	20	0	105	75-125	0			
Bromochloromethane	22.39	1.0	20	0	112	65-130	0			
Bromodichloromethane	20.35	1.0	20	0	102	75-120	0			
Bromoform	21.88	1.0	20	0	109	70-130	0			
Carbon disulfide	20.67	2.5	20	0	103	35-165	0			
Carbon tetrachloride	19.04	1.0	20	0	95.2	65-140	0			
Chlorobenzene	22.16	1.0	20	0	111	80-120	0			
Chloroethane	18.95	1.0	20	0	94.8	60-135	0			
Chloroform	20.91	1.0	20	0	105	65-135	0			
Chloromethane	20.6	1.0	20	0	103	70-125	0			
cis-1,2-Dichloroethene	21.82	1.0	20	0	109	70-125	0			
cis-1,3-Dichloropropene	20.89	1.0	20	0	104	70-130	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	19.97	1.0	20	0	99.8	60-135	0
Dibromomethane	20.82	1.0	20	0	104	75-125	0
Dichlorodifluoromethane	14.87	1.0	20	0	74.4	30-155	0
Ethylbenzene	20.95	1.0	20	0	105	75-125	0
Hexachlorobutadiene	25.6	5.0	20	0	128	50-140	0
Hexachloroethane	20.98	1.0	20	0	105	70-135	0
Iodomethane	20.84	5.0	20	0	104	70-135	0
Isopropylbenzene	20.87	1.0	20	0	104	75-125	0
m,p-Xylene	44.88	2.0	40	0	112	75-130	0
Methyl tert-butyl ether	21.21	5.0	20	0	106	65-125	0
Methylene chloride	21.15	5.0	20	0	106	55-140	0
n-Butylbenzene	21.57	1.0	20	0	108	70-135	0
n-Propylbenzene	22.24	1.0	20	0	111	70-130	0
Naphthalene	24.24	5.0	20	0	121	55-140	0
o-Xylene	20.95	1.0	20	0	105	80-120	0
p-Isopropyltoluene	20.72	2.0	20	0	104	75-130	0
sec-Butylbenzene	21.29	2.0	20	0	106	70-125	0
Styrene	20.69	1.0	20	0	103	65-135	0
tert-Butylbenzene	21.15	2.0	20	0	106	70-130	0
Tetrachloroethene	21.04	2.0	20	0	105	45-150	0
Tetrahydrofuran	20.9	10	20	0	104	70-135	0
Toluene	20.43	1.0	20	0	102	75-120	0
trans-1,2-Dichloroethene	21.05	1.0	20	0	105	60-140	0
trans-1,3-Dichloropropene	21.59	1.0	20	0	108	55-140	0
trans-1,4-Dichloro-2-butene	19.4	5.0	20	0	97	70-135	0
Trichloroethene	20.84	1.0	20	0	104	70-125	0
Trichlorofluoromethane	15.39	1.0	20	0	77	60-145	0
Vinyl chloride	20.09	1.0	20	0	100	50-145	0
Xylenes, Total	65.83	2.0	60	0	110	75-130	0
Surr: 1,2-Dichloroethane-d4	*98.13*	0	*100*	0	*98.1*	*70-120*	0
Surr: 4-Bromofluorobenzene	*100.1*	0	*100*	0	*100*	*75-120*	0
Surr: Dibromofluoromethane	*100.6*	0	*100*	0	*101*	*85-115*	0
Surr: Toluene-d8	*97.62*	0	*100*	0	*97.6*	*85-120*	0

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

LCSD Sample ID: **VLCSDW1-110417-R89079** Units: **µg/L** Analysis Date: **4/17/2011 10:22 AM**

Client ID: Run ID: **VMS6_110417A** SeqNo: **1601707** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	20.21	1.0	20	0	101	80-130	20.3	0.444	30	
1,1,1-Trichloroethane	20.16	1.0	20	0	101	65-130	19.99	0.847	30	
1,1,2,2-Tetrachloroethane	22.12	1.0	20	0	111	65-130	20.9	5.67	30	
1,1,2-Trichloroethane	21.36	1.0	20	0	107	75-125	20.96	1.89	30	
1,1-Dichloroethane	20.32	1.0	20	0	102	70-135	20.17	0.741	30	
1,1-Dichloroethene	21.09	1.0	20	0	105	70-130	20.39	3.38	30	
1,1-Dichloropropene	20.18	1.0	20	0	101	75-130	19.79	1.95	30	
1,2,3-Trichlorobenzene	24.41	3.0	20	0	122	55-140	26.85	9.52	30	
1,2,3-Trichloropropane	21.65	1.0	20	0	108	75-125	21.01	3	30	
1,2,4-Trichlorobenzene	25.09	1.0	20	0	125	65-135	27.64	9.67	30	
1,2,4-Trimethylbenzene	20.8	1.0	20	0	104	75-130	20.83	0.144	30	
1,2-Dibromo-3-chloropropane	25.14	1.0	20	0	126	50-130	25.51	1.46	30	
1,2-Dibromoethane	20.66	1.0	20	0	103	80-120	20.58	0.388	30	
1,2-Dichlorobenzene	22.83	1.0	20	0	114	70-120	22.89	0.262	30	
1,2-Dichloroethane	21.06	1.0	20	0	105	70-130	21.25	0.898	30	
1,2-Dichloropropane	21.27	2.0	20	0	106	75-125	21.01	1.23	30	
1,3,5-Trimethylbenzene	21.2	1.0	20	0	106	75-130	21.21	0.0472	30	
1,3-Dichlorobenzene	22.04	2.0	20	0	110	75-125	22.32	1.26	30	
1,3-Dichloropropane	20.95	1.0	20	0	105	75-125	20.57	1.83	30	
1,4-Dichlorobenzene	21.97	2.0	20	0	110	75-125	21.91	0.273	30	
2,2-Dichloropropane	21.18	1.0	20	0	106	70-135	20.15	4.98	30	
2-Butanone	18.94	5.0	20	0	94.7	30-150	17.85	5.93	30	
2-Chlorotoluene	22.7	2.0	20	0	114	75-125	22.22	2.14	30	
2-Hexanone	19.39	5.0	20	0	97	55-130	18.19	6.39	30	
4-Chlorotoluene	22.65	1.0	20	0	113	75-135	22.1	2.46	30	
4-Isopropyltoluene	19.88	1.0	20	0	99.4	75-135	20.72	4.14	30	
4-Methyl-2-pentanone	25.61	5.0	20	0	128	60-135	24.16	5.83	30	
Acetone	20.32	20	20	0	102	40-140	22.36	9.56	30	
Acrylonitrile	21.46	1.0	20	0	107	70-135	20.7	3.61	30	
Benzene	22.29	1.0	20	0	111	80-120	21.91	1.72	30	
Bromobenzene	21.28	1.0	20	0	106	75-125	21.03	1.18	30	
Bromochloromethane	22.11	1.0	20	0	111	65-130	22.39	1.26	30	
Bromodichloromethane	20.09	1.0	20	0	100	75-120	20.35	1.29	30	
Bromoform	22.4	1.0	20	0	112	70-130	21.88	2.35	30	
Carbon disulfide	21.17	2.5	20	0	106	35-165	20.67	2.39	30	
Carbon tetrachloride	19.23	1.0	20	0	96.2	65-140	19.04	0.993	30	
Chlorobenzene	22.32	1.0	20	0	112	80-120	22.16	0.719	30	
Chloroethane	19.6	1.0	20	0	98	60-135	18.95	3.37	30	
Chloroform	21.24	1.0	20	0	106	65-135	20.91	1.57	30	
Chloromethane	20.63	1.0	20	0	103	70-125	20.6	0.146	30	
cis-1,2-Dichloroethene	21.78	1.0	20	0	109	70-125	21.82	0.183	30	
cis-1,3-Dichloropropene	20.93	1.0	20	0	105	70-130	20.89	0.191	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

Dibromochloromethane	20.12	1.0	20	0	101	60-135	19.97	0.748	30
Dibromomethane	20.73	1.0	20	0	104	75-125	20.82	0.433	30
Dichlorodifluoromethane	15.58	1.0	20	0	77.9	30-155	14.87	4.66	30
Ethylbenzene	21.37	1.0	20	0	107	75-125	20.95	1.98	30
Hexachlorobutadiene	22.71	5.0	20	0	114	50-140	25.6	12	30
Hexachloroethane	19.95	1.0	20	0	99.8	70-135	20.98	5.03	30
Iodomethane	21.96	5.0	20	0	110	70-135	20.84	5.23	30
Isopropylbenzene	21.26	1.0	20	0	106	75-125	20.87	1.85	30
m,p-Xylene	45.5	2.0	40	0	114	75-130	44.88	1.37	30
Methyl tert-butyl ether	21.68	5.0	20	0	108	65-125	21.21	2.19	30
Methylene chloride	21.18	5.0	20	0	106	55-140	21.15	0.142	30
n-Butylbenzene	20.11	1.0	20	0	101	70-135	21.57	7.01	30
n-Propylbenzene	22.64	1.0	20	0	113	70-130	22.24	1.78	30
Naphthalene	22.44	5.0	20	0	112	55-140	24.24	7.71	30
o-Xylene	21.21	1.0	20	0	106	80-120	20.95	1.23	30
p-Isopropyltoluene	19.88	2.0	20	0	99.4	75-130	20.72	4.14	30
sec-Butylbenzene	21.03	2.0	20	0	105	70-125	21.29	1.23	30
Styrene	20.89	1.0	20	0	104	65-135	20.69	0.962	30
tert-Butylbenzene	21.18	2.0	20	0	106	70-130	21.15	0.142	30
Tetrachloroethene	21.5	2.0	20	0	108	45-150	21.04	2.16	30
Tetrahydrofuran	22.23	10	20	0	111	70-135	20.9	6.17	30
Toluene	20.71	1.0	20	0	104	75-120	20.43	1.36	30
trans-1,2-Dichloroethene	21.59	1.0	20	0	108	60-140	21.05	2.53	30
trans-1,3-Dichloropropene	21.89	1.0	20	0	109	55-140	21.59	1.38	30
trans-1,4-Dichloro-2-butene	19.94	5.0	20	0	99.7	70-135	19.4	2.75	30
Trichloroethene	20.95	1.0	20	0	105	70-125	20.84	0.526	30
Trichlorofluoromethane	15.47	1.0	20	0	77.4	60-145	15.39	0.518	30
Vinyl chloride	20.62	1.0	20	0	103	50-145	20.09	2.6	30
Xylenes, Total	66.71	2.0	60	0	111	75-130	65.83	1.33	30
Surr: 1,2-Dichloroethane-d4	*99.4*	0	*100*	0	*99.4*	*70-120*	98.13	*1.29*	*30*
Surr: 4-Bromofluorobenzene	*100.7*	0	*100*	0	*101*	*75-120*	100.1	*0.568*	*30*
Surr: Dibromofluoromethane	*99.96*	0	*100*	0	*100*	*85-115*	100.6	*0.598*	*30*
Surr: Toluene-d8	*96.86*	0	*100*	0	*96.9*	*85-120*	97.62	*0.782*	*30*

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

MS Sample ID: **1104422-01A MS** Units: **µg/Kg** Analysis Date: **4/17/2011 08:12 PM**

Client ID: Run ID: **VMS6_110417A** SeqNo: **1602067** Prep Date: DF: **10000**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	180300	15,000	200000	0	90.2	75-125	0			
1,1,1-Trichloroethane	204600	10,000	200000	0	102	70-135	0			
1,1,2,2-Tetrachloroethane	410400	20,000	200000	0	205	55-130	0			S
1,1,2-Trichloroethane	203600	20,000	200000	0	102	60-125	0			
1,1-Dichloroethane	199700	10,000	200000	0	99.8	75-125	0			
1,1-Dichloroethene	206600	10,000	200000	0	103	65-135	0			
1,1-Dichloropropene	203400	10,000	200000	0	102	70-135	0			
1,2,3-Trichlorobenzene	295400	20,000	200000	0	148	60-135	0			S
1,2,3-Trichloropropane	364200	20,000	200000	0	182	65-130	0			S
1,2,4-Trichlorobenzene	383600	10,000	200000	0	192	65-130	0			S
1,2,4-Trimethylbenzene	4255000	10,000	200000	328700	1960	65-135	0			SE
1,2-Dibromo-3-chloropropane	220200	20,000	200000	0	110	40-135	0			
1,2-Dibromoethane	205300	15,000	200000	0	103	70-125	0			
1,2-Dichlorobenzene	320900	10,000	200000	0	160	75-120	0			S
1,2-Dichloroethane	207600	10,000	200000	0	104	70-135	0			
1,2-Dichloropropane	206600	35,000	200000	0	103	70-120	0			
1,3,5-Trimethylbenzene	1299000	10,000	200000	95900	602	65-135	0			SE
1,3-Dichlorobenzene	211400	10,000	200000	0	106	70-125	0			
1,3-Dichloropropane	200700	15,000	200000	0	100	75-125	0			
1,4-Dichlorobenzene	234300	10,000	200000	0	117	70-125	0			
2,2-Dichloropropane	191000	6,000	200000	0	95.5	65-135	0			
2-Butanone	202000	75,000	200000	0	101	30-160	0			
2-Chlorotoluene	619000	15,000	200000	0	310	70-130	0			S
2-Hexanone	255600	50,000	200000	0	128	45-145	0			
4-Chlorotoluene	336300	20,000	200000	0	168	75-125	0			S
4-Methyl-2-pentanone	258700	50,000	200000	0	129	45-145	0			
Acetone	207100	45,000	200000	0	104	20-160	0			
Acrylonitrile	257000	40,000	200000	0	128	70-135	0			
Benzene	219500	10,000	200000	0	110	75-125	0			
Bromobenzene	209400	15,000	200000	0	105	65-120	0			
Bromochloromethane	218600	15,000	200000	0	109	70-125	0			
Bromodichloromethane	187400	15,000	200000	0	93.7	70-130	0			
Bromoform	202200	10,000	200000	0	101	55-135	0			
Carbon disulfide	195500	15,000	200000	0	97.8	45-160	0			
Carbon tetrachloride	183100	10,000	200000	0	91.6	65-135	0			
Chlorobenzene	230500	15,000	200000	0	115	75-125	0			
Chloroethane	185100	30,000	200000	0	92.6	40-155	0			
Chloroform	210900	10,000	200000	0	105	70-125	0			
Chloromethane	181400	30,000	200000	0	90.7	50-130	0			
cis-1,2-Dichloroethene	198600	20,000	200000	0	99.3	65-125	0			
cis-1,3-Dichloropropene	199100	10,000	200000	0	99.6	70-125	0			
Dibromochloromethane	179000	20,000	200000	0	89.5	65-135	0			

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	205600	20,000	200000	0	103	75-130	0	
Dichlorodifluoromethane	191400	10,000	200000	0	95.7	35-135	0	
Ethylbenzene	2082000	20,000	200000	174900	954	75-125	0	SE
Hexachlorobutadiene	353500	10,000	200000	0	177	55-140	0	S
Hexachloroethane	154400	10,000	200000	0	77.2	70-135	0	
Iodomethane	174200	25,000	200000	0	87.1	70-135	0	
Isopropylbenzene	421400	10,000	200000	21400	200	75-130	0	S
m,p-Xylene	7718000	20,000	400000	711400	1750	80-125	0	SE
Methyl tert-butyl ether	220600	15,000	200000	0	110	75-125	0	
Methylene chloride	206700	20,000	200000	0	103	55-145	0	
n-Butylbenzene	770400	5,000	200000	49800	360	65-140	0	S
n-Propylbenzene	873800	20,000	200000	49800	412	65-135	0	S
Naphthalene	1660000	20,000	200000	64100	798	40-140	0	SE
o-Xylene	2886000	10,000	200000	250800	1320	75-125	0	SE
p-Isopropyltoluene	1969000	95,000	200000	159900	904	75-135	0	SE
sec-Butylbenzene	418600	10,000	200000	18600	200	65-130	0	S
Styrene	215300	15,000	200000	0	108	75-125	0	
tert-Butylbenzene	253800	15,000	200000	0	127	65-130	0	
Tetrachloroethene	209200	10,000	200000	0	105	64-140	0	
Tetrahydrofuran	236700	15,000	200000	0	118	70-135	0	
Toluene	1985000	15,000	200000	171800	907	70-125	0	SE
trans-1,2-Dichloroethene	209900	10,000	200000	0	105	65-135	0	
trans-1,3-Dichloropropene	193200	15,000	200000	0	96.6	65-125	0	
trans-1,4-Dichloro-2-butene	1101000	35,000	200000	0	551	70-135	0	SE
Trichloroethene	207600	10,000	200000	0	104	75-125	0	
Trichlorofluoromethane	140900	10,000	200000	0	70.4	25-185	0	
Vinyl chloride	200600	20,000	200000	0	100	60-125	0	
Xylenes, Total	10600000	30,000	600000	962200	1610	75-125	0	SE
Surr: 1,2-Dichloroethane-d4	*989900*	0	*1000000*	0	*99*	*70-120*	0	
Surr: 4-Bromofluorobenzene	*1328000*	0	*1000000*	0	*133*	*75-120*	0	*S*
Surr: Dibromofluoromethane	*984000*	0	*1000000*	0	*98.4*	*85-115*	0	
Surr: Toluene-d8	*946400*	0	*1000000*	0	*94.6*	*85-115*	0	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

MSD Sample ID: **1104422-01A MSD** Units: **µg/Kg** Analysis Date: **4/17/2011 08:38 PM**

Client ID: Run ID: **VMS6_110417A** SeqNo: **1602068** Prep Date: DF: **10000**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1,2-Tetrachloroethane	180300	15,000	200000	0	90.2	75-125	180300	0	30	
1,1,1-Trichloroethane	199100	10,000	200000	0	99.6	70-135	204600	2.72	30	
1,1,2,2-Tetrachloroethane	399700	20,000	200000	0	200	55-130	410400	2.64	30	S
1,1,2-Trichloroethane	202300	20,000	200000	0	101	60-125	203600	0.641	30	
1,1-Dichloroethane	198900	10,000	200000	0	99.4	75-125	199700	0.401	30	
1,1-Dichloroethene	198100	10,000	200000	0	99	65-135	206600	4.2	30	
1,1-Dichloropropene	195500	10,000	200000	0	97.8	70-135	203400	3.96	30	
1,2,3-Trichlorobenzene	299800	20,000	200000	0	150	60-135	295400	1.48	30	S
1,2,3-Trichloropropane	371900	20,000	200000	0	186	65-130	364200	2.09	30	S
1,2,4-Trichlorobenzene	309800	10,000	200000	0	155	65-130	383600	21.3	30	S
1,2,4-Trimethylbenzene	4109000	10,000	200000	328700	1890	65-135	4255000	3.5	30	SE
1,2-Dibromo-3-chloropropane	236300	20,000	200000	0	118	40-135	220200	7.05	30	
1,2-Dibromoethane	208700	15,000	200000	0	104	70-125	205300	1.64	30	
1,2-Dichlorobenzene	301400	10,000	200000	0	151	75-120	320900	6.27	30	S
1,2-Dichloroethane	206600	10,000	200000	0	103	70-135	207600	0.483	30	
1,2-Dichloropropane	205700	35,000	200000	0	103	70-120	206600	0.437	30	
1,3,5-Trimethylbenzene	1252000	10,000	200000	95900	578	65-135	1299000	3.67	30	SE
1,3-Dichlorobenzene	207200	10,000	200000	0	104	70-125	211400	2.01	30	
1,3-Dichloropropane	199900	15,000	200000	0	100	75-125	200700	0.399	30	
1,4-Dichlorobenzene	214100	10,000	200000	0	107	70-125	234300	9.01	30	
2,2-Dichloropropane	189300	6,000	200000	0	94.6	65-135	191000	0.894	30	
2-Butanone	223700	75,000	200000	0	112	30-160	202000	10.2	30	
2-Chlorotoluene	596800	15,000	200000	0	298	70-130	619000	3.65	30	S
2-Hexanone	258000	50,000	200000	0	129	45-145	255600	0.935	30	
4-Chlorotoluene	329700	20,000	200000	0	165	75-125	336300	1.98	30	S
4-Methyl-2-pentanone	273500	50,000	200000	0	137	45-145	258700	5.56	30	
Acetone	219900	45,000	200000	0	110	20-160	207100	6	30	
Acrylonitrile	259200	40,000	200000	0	130	70-135	257000	0.852	30	
Benzene	215100	10,000	200000	0	108	75-125	219500	2.02	30	
Bromobenzene	207500	15,000	200000	0	104	65-120	209400	0.911	30	
Bromochloromethane	216900	15,000	200000	0	108	70-125	218600	0.781	30	
Bromodichloromethane	187300	15,000	200000	0	93.6	70-130	187400	0.0534	30	
Bromoform	200400	10,000	200000	0	100	55-135	202200	0.894	30	
Carbon disulfide	190800	15,000	200000	0	95.4	45-160	195500	2.43	30	
Carbon tetrachloride	173600	10,000	200000	0	86.8	65-135	183100	5.33	30	
Chlorobenzene	223000	15,000	200000	0	112	75-125	230500	3.31	30	
Chloroethane	187200	30,000	200000	0	93.6	40-155	185100	1.13	30	
Chloroform	210200	10,000	200000	0	105	70-125	210900	0.332	30	
Chloromethane	177800	30,000	200000	0	88.9	50-130	181400	2	30	
cis-1,2-Dichloroethene	202000	20,000	200000	0	101	65-125	198600	1.7	30	
cis-1,3-Dichloropropene	199500	10,000	200000	0	99.8	70-125	199100	0.201	30	
Dibromochloromethane	175700	20,000	200000	0	87.8	65-135	179000	1.86	30	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89079** Instrument ID **VMS6** Method: **SW8260**

Dibromomethane	211000	20,000	200000	0	106	75-130	205600	2.59	30	
Dichlorodifluoromethane	169400	10,000	200000	0	84.7	35-135	191400	12.2	30	
Ethylbenzene	2043000	20,000	200000	174900	934	75-125	2082000	1.92	30	SE
Hexachlorobutadiene	357000	10,000	200000	0	178	55-140	353500	0.985	30	S
Hexachloroethane	156400	10,000	200000	0	78.2	70-135	154400	1.29	30	
Iodomethane	193400	25,000	200000	0	96.7	70-135	174200	10.4	30	
Isopropylbenzene	410700	10,000	200000	21400	195	75-130	421400	2.57	30	S
m,p-Xylene	7585000	20,000	400000	711400	1720	80-125	7718000	1.74	30	SE
Methyl tert-butyl ether	217000	15,000	200000	0	108	75-125	220600	1.65	30	
Methylene chloride	205600	20,000	200000	0	103	55-145	206700	0.534	30	
n-Butylbenzene	746900	5,000	200000	49800	349	65-140	770400	3.1	30	S
n-Propylbenzene	845000	20,000	200000	49800	398	65-135	873800	3.35	30	S
Naphthalene	1871000	20,000	200000	64100	903	40-140	1660000	11.9	30	SE
o-Xylene	2855000	10,000	200000	250800	1300	75-125	2886000	1.08	30	SE
p-Isopropyltoluene	1913000	95,000	200000	159900	877	75-135	1969000	2.87	30	SE
sec-Butylbenzene	399400	10,000	200000	18600	190	65-130	418600	4.69	30	S
Styrene	212400	15,000	200000	0	106	75-125	215300	1.36	30	
tert-Butylbenzene	245800	15,000	200000	0	123	65-130	253800	3.2	30	
Tetrachloroethene	199000	10,000	200000	0	99.5	64-140	209200	5	30	
Tetrahydrofuran	246900	15,000	200000	0	123	70-135	236700	4.22	30	
Toluene	1959000	15,000	200000	171800	894	70-125	1985000	1.31	30	SE
trans-1,2-Dichloroethene	201800	10,000	200000	0	101	65-135	209900	3.93	30	
trans-1,3-Dichloropropene	198400	15,000	200000	0	99.2	65-125	193200	2.66	30	
trans-1,4-Dichloro-2-butene	1117000	35,000	200000	0	559	70-135	1101000	1.42	30	SE
Trichloroethene	203400	10,000	200000	0	102	75-125	207600	2.04	30	
Trichlorofluoromethane	136000	10,000	200000	0	68	25-185	140900	3.54	30	
Vinyl chloride	187300	20,000	200000	0	93.6	60-125	200600	6.86	30	
Xylenes, Total	10440000	30,000	600000	962200	1580	75-125	10600000	1.56	30	SE
Surr: 1,2-Dichloroethane-d4	*992000*	0	*1000000*	0	*99.2*	*70-120*	989900	*0.212*	*30*	
Surr: 4-Bromofluorobenzene	*1268000*	0	*1000000*	0	*127*	*75-120*	1328000	*4.64*	*30*	*S*
Surr: Dibromofluoromethane	*977500*	0	*1000000*	0	*97.8*	*85-115*	984000	*0.663*	*30*	
Surr: Toluene-d8	*937900*	0	*1000000*	0	*93.8*	*85-115*	946400	*0.902*	*30*	

The following samples were analyzed in this batch: 1104321-01A 1104321-04A 1104321-05A 1104321-06A

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89026** Instrument ID **MOIST** Method: **A2540 G**

MBLK Sample ID: **WBLKS1-R89026** Units: **% of sample** Analysis Date: **4/14/2011 11:52 AM**
Client ID: Run ID: **MOIST_110414A** SeqNo: **1600621** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	ND	0.050								

LCS Sample ID: **LCS-R89026** Units: **% of sample** Analysis Date: **4/14/2011 11:52 AM**
Client ID: Run ID: **MOIST_110414A** SeqNo: **1600617** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	100	0.050	100	0	100	99.5-100.5	0			

DUP Sample ID: **1104312-04ADUP1** Units: **% of sample** Analysis Date: **4/14/2011 11:52 AM**
Client ID: Run ID: **MOIST_110414A** SeqNo: **1600597** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	9.44	0.050	0	0	0	0-0	9.49	0.528	20	

DUP Sample ID: **1104312-04ADUP2** Units: **% of sample** Analysis Date: **4/14/2011 11:52 AM**
Client ID: Run ID: **MOIST_110414A** SeqNo: **1600598** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	9.51	0.050	0	0	0	0-0	9.49	0.211	20	

DUP Sample ID: **1104312-10ADUP1** Units: **% of sample** Analysis Date: **4/14/2011 11:52 AM**
Client ID: Run ID: **MOIST_110414A** SeqNo: **1600605** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	16.68	0.050	0	0	0	0-0	15.84	5.17	20	

DUP Sample ID: **1104312-10ADUP2** Units: **% of sample** Analysis Date: **4/14/2011 11:52 AM**
Client ID: Run ID: **MOIST_110414A** SeqNo: **1600606** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	17.71	0.050	0	0	0	0-0	15.84	11.1	20	

The following samples were analyzed in this batch: 1104321-01B

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

Client: Horizon Environmental
Work Order: 1104321
Project: Reclamation Oil

QC BATCH REPORT

Batch ID: **R89027** Instrument ID **MOIST** Method: **A2540 G**

MBLK Sample ID: **WBLKS1-R89027** Units: **% of sample** Analysis Date: **4/14/2011 12:20 PM**
Client ID: Run ID: **MOIST_110414B** SeqNo: **1600659** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	ND	0.050								

LCS Sample ID: **LCS-R89027** Units: **% of sample** Analysis Date: **4/14/2011 12:20 PM**
Client ID: Run ID: **MOIST_110414B** SeqNo: **1600649** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	100	0.050	100	0	100	99.5-100.5		0		

DUP Sample ID: **1104321-02B DUP** Units: **% of sample** Analysis Date: **4/14/2011 12:20 PM**
Client ID: **RO-S-VS-15** Run ID: **MOIST_110414B** SeqNo: **1600626** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	20.54	0.050	0	0	0	0-0	19.02	7.68	20	

DUP Sample ID: **1104334-02A DUP** Units: **% of sample** Analysis Date: **4/14/2011 12:20 PM**
Client ID: Run ID: **MOIST_110414B** SeqNo: **1600638** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Moisture	20.45	0.050	0	0	0	0-0	17.9	13.3	20	

The following samples were analyzed in this batch:

1104321-02B	1104321-03B	1104321-04B
1104321-05B	1104321-06B	

Note: See Qualifiers Page for a list of Qualifiers and their explanation.

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Chain of Custody Form

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Tel: +1 616 399 6070
Fax: +1 616 399 6185

ALS Project Manager:

ALS Work Order #: 1104321

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	Reclamation Oil	A	VOC's
Work Order		Project Number		B	PCB's
Company Name	Horizon Environmental	Bill To Company	Horizon Environmental	C	Arsenic
Send Report To	Karen Hathaway	Invoice Attn	Accounts Payable	D	IUAD
Address	4771 50th Street	Address	4771 50th Street	E	
				F	
City/State/Zip	Grand Rapids, MI 49512	City/State/Zip	Grand Rapids, MI 49512	G	
Phone	(616) 554-3210	Phone	(616) 554-3210	H	
Fax	(616) 554-3211	Fax	(616) 554-3211	I	
e-Mail Address		e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	RO-S-VS-14	4-13-11	1100	S		3	X	X	X	X							
2	RO-S-VS-15		1110	S		3	X	X	X	X							
3	RO-S-VS-16		1120	S		3	X	X	X	X							
4	RO-S-VS-17		1130	S		3	X	X	X	X							
5	RO-S-VS-18		1140	S		3	X	X	X	X							
6	~~RO-S-VS-18 Duplicate~~ RO-FD-VS-18 KH 4/28/11		1145	S		3	X	X	X	X							
7	~~Trip Blank~~ RO-MB-01 KH 4/28/11						X										
8																	
9																	
10																	

Sampler(s) Please Print & Sign: Mike Potter [signature]

Shipment Method:

Required Turnaround Time: (Check Box) ☐ Std 10 WK Days ☒ 5 WK Days ☐ Other ____ ☐ 2 WK Days ☐ 24 Hour

Results Due Date:

Relinquished by:	Date:	Time:	Received by:
[signature]	4-13-11	12:57pm	[signature]
Relinquished by: [signature]	4/14/11	0730	Received by (Laboratory): [signature]
Logged by (Laboratory): DFS	4/14/11	0800	Checked by (Laboratory): [signature]

Notes:

Cooler ID	Cooler Temp.
	4.8°C

QC Package: (Check One Box Below)
☐ Level II Std QC
☐ Level III Std QC/Raw Data
☐ Level IV SW846/CLP
☐ Other
☐ TRRP CheckList
☐ TRRP Level IV

Preservative Key: 1-HCl 2-HNO_3 3-H_2SO_4 4-NaOH 5-$Na_2S_2O_3$ 6-$NaHSO_4$ 7-Other 8-4°C 9-5035

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to ALS Environmental.
2. Unless otherwise agreed in a formal contract, services provided by ALS Environmental are expressly limited to the terms and conditions stated on the reverse.
3. The Chain of Custody is a legal document. All information must be completed accurately.

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ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 4/13/11 Time:
Name:
Company:

Seal Broken By:
Date:

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date: 4/13/11 Time:
Name:
Company:

Seal Broken By:
Date:

ALS Environmental
3352 128th Avenue
Holland, Michigan 49424
Tel. +1 616 399 6070
Fax. +1 616 399 6185

CUSTODY SEAL
Date:
Name:
Company:

Seal Broken By:
Date:

CITY TRANSFER COMPANY (GROUND-AIR BILL - SHIPPING RECEIPT)

2770899

PLACE AN "X" BELOW

SPECIAL SERVICE	SHIPPER COMPANY	RECEIVER	DATE
GROUND SERVICE X	CONTACT / PHONE	PHONE	
AIR SERVICE	STREET ADDRESS	STREET ADDRESS	
AIR & GROUND COMBINED	CITY / STATE, ZIP CODE	CITY / STATE, ZIP CODE	
CANCELLED CHECKS OR CASH LETTERS	DECLARED VALUE $ / ADD'L INSURANCE COST $	ACCOUNT NO.	
OTHER (LIST COMMODITIES) ➡	PIECES 3	(DESCRIPTION OF WHAT IS BEING SHIPPED: BOX, BAG, ENVELOPE)	
SPECIAL INSTRUCTIONS ➡			

WEIGHT LBS.	WEIGHT OZ.	$ CHARGES
230		

☐ PREPAID ☐ BILL TO ACCT. ☐ C.O.D.

RECEIVED, Subject to rates and tariffs in effect on the date hereof

TOTAL $

PICKED UP BY	DATE	TIME
DRIVER:		A.M.
ROUTE #: 207		P.M.

RECEIVED BY	DATE	TIME
	04/14/11	A.M.
ROUTE #:		P.M.

Except for "cash letters", the released or declared value of this shipment is specifically declared not to be in excess of $100.00, unless a greater value is declared in writing on this Bill of Lading for which additional charges will be assessed. Carrier's liability with respect to "cash letter" shipments is limited in its tariffs.

Except on "cash letter" shipments, claims, if any, must be filed in writing within thirty (30) days after pickup. Claims involving "cash letter" shipments must be filed in writing within three (3) days after pickup. Claimant shall give oral notice to carrier as soon as it becomes aware of a potential claim involving a "cash letter" shipment.

CARRIER SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES.

The property described above, in apparent good order, except as noted (contents and conditions of packages unknown), marked, consigned and destined as shown below, which said company agrees to carry to its usual place of delivery at said destination if within territory of its highway operations. It is mutually agreed as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, her contained, including the conditions of the carrier's tariff, which are hereby agreed to by the shipper and accepted for himself and his assigns.

ALS Group USA, Corp

Sample Receipt Checklist

Client Name: **HORIZONENV-GR** Date/Time Received: **14-Apr-11 07:30**

Work Order: **1104321** Received by: **DS**

Checklist completed by Diane Shaw (eSignature) 14-Apr-11 (Date) Reviewed by: Joseph Rebar (eSignature) 14-Apr-11 (Date)

Matrices: Soil
Carrier name: City Transfer

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Temperature(s)/Thermometer(s):	4.8 c		
Cooler(s)/Kit(s):			
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑
pH adjusted?	Yes ☐	No ☐	N/A ☑
pH adjusted by:	-		

Login Notes:

Client Contacted: Date Contacted: Person Contacted:

Contacted By: Regarding:

Comments:

CorrectiveAction:

DATA VALIDATION REPORT

RECLAMATION OIL SITE
6472 SELKIRK STREET
DETROIT, MICHIGAN

Date: May 2, 2011
Laboratory: ALS Laboratory Group (ALS), Holland, Michigan
Laboratory Work Order #: 1104350
Data Validation Performed By: Karen Hathaway, Horizon Environmental

This data validation report has been prepared by Horizon Environmental Corporation on behalf of the Respondents to the Administrative Settlement Agreement and Order on Consent for Removal Action Docket No. V-W-10-C-955 (Settlement Agreement) entered into by the U.S. Environmental Protection Agency (U.S. EPA) and Respondents[1] with an effective date of September 30, 2010.

This report documents the data validation for 2 soil samples (plus one duplicate sample) collected from the Reclamation Oil Site that were analyzed for the following parameters by U.S. Environmental Protection Agency (U.S. EPA) methods:

- Polychlorinated biphenyls (PCB) by SW-846 Method 8082.

All of the collected samples were analyzed by the laboratory (100% completeness). A Level II data package was requested from ALS. The data validation was conducted in general accordance with the U.S. EPA "Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review" dated June 2008. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

PCBS BY SW-846 METHOD 8082

1. Samples

The following table summarizes the samples for which this data validation was conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
RO-S-VS-19	1104350-01	Soil	4/14/2011	4/15/2011	4/15-16/2011
RO-S-VS-20	1104350-02	Soil	4/14/2011	4/15/2011	4/15/2011
RO-FD-VS-20	1104350-03	Soil	4/14/2011	4/15/2011	4/15/2011

[1] The Respondents consist of Univar USA Inc., SPX Corporation, BorgWarner Inc., and Ford Motor Company.

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

The method blanks were free of target compound contamination above the reporting limit.

4. Surrogates

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within the laboratory-established QC limits.

6. MS and MSD Results

The MS/MSD associated with all of the PCB samples had recoveries for Aroclor 1016 and Aroclor 1260 that exceeded QC limits due to matrix interference. The high concentration of Aroclor 1254 in the spiked sample (RO-S-VS-19) caused elevated recoveries for the spiked Aroclors. Quantitation limits for non-detected results for Aroclor 1016 and Aroclor 1260 in all of the samples were flagged "UJ" as estimated.

7. Field Duplicate Results

Field duplicate samples for PCB analysis were collected at the frequency specified in the QAPP. Sample RO-FD-VS-20 is a duplicate of sample RO-S-VS-20. Field duplicate sample RO-FD-VS-20 showed good correlation with the investigative sample except for one detected compound. Because the highest reported detection was well below the evaluation criteria, no additional measures were required.

8. Overall Assessment

The PCB data are acceptable for use as qualified based on the information received.

DISCREPANCY FROM QAPP

The sample identification code on the chain-of-custody (COC) for the field duplicate sample did not follow the field identification system provided in the QAPP. Notations were made on the COC, the laboratory was notified, and the sample identification code was revised accordingly. No qualification of the data is needed. The Horizon Field Team Leader was informed of the sample identification code discrepancy so that corrective measures could be taken for future sampling events.

ATTACHMENT

ALS LABORATORY GROUP
RESULTS SUMMARY WITH QUALIFIERS

ALS Environmental

01-May-2011

Bill Davidson
Horizon Environmental
4771 50th Street
Grand Rapids, MI 49512

Re: **Reclamation Oil** Work Order: **1104350**

Dear Bill,

ALS Environmental received 3 samples on 15-Apr-2011 07:30 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Environmental and for only the analyses requested.

QC sample results for this data met laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 12.

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

Sincerely,

Joseph Ribar

Electronically approved by: Joseph Ribar

Joseph Ribar
Project Manager

ACCREDITED IN ACCORDANCE WITH nelac

Certificate No: IL100452

ALS Group USA, Corp

Date: 01-May-11

Client: Horizon Environmental
Project: Reclamation Oil
Work Order: **1104350**

Work Order Sample Summary

Lab Samp ID	Client Sample ID	Matrix	Tag Number	Collection Date	Date Received	Hold
1104350-01	RO-S-VS-19	Soil		4/14/2011 14:30	4/15/2011 07:30	☐
1104350-02	RO-S-VS-20	Soil		4/14/2011 14:40	4/15/2011 07:30	☐
1104350-03	RO-FD-VS-20	Soil		4/14/2011 14:42	4/15/2011 07:30	☐