BONNER MILL JUNE 2016 SEMIANNUAL REPOSITORY INSPECTION FORM

PERIMETER FENCE INSPECTION

Walk entire perimeter of fenceline/barrier, and indicate gaps, damage, loose wire tension, or poor condition, by perimeter location

WOOD BRACE & CORNER POSTS: _Good condition.
BARBED WIRE "FABRIC": Good condition on east, west and north side. Poor condition on south side and needs repair.
WARNING SIGNS ALONG FENCE (placed ~ every 350 feet): Present and in good condition.
GATE CONDITION & SECURITY: Gate is locked. Poor security due to damaged fence next to gate (see photos).
SIGNS OF INTRUSION (include photos): Possible sign of intrusion at broken fence.
VEGETATIVE COVER INSPECTION
Walk the surface of the Repository along at least 3 transects and walk the perimeter paying attention to the following:
VEGETATIVE BARE SPOTS: Small bare batches on northeast corner.
WEED INFESTATIONS (presence & degree – include photos): Minor presence of leafy spurge, cheatgrass and vetch.

EROSION INSPECTION

This inspection can be part of the two inspections listed above. Describe location & severity of any cap damage.

SIGNIFICANT SURFACE DEPRESSIONS that could accumulate water, include
photos:
None.
EXCESSIVE EROSION
Rills & gullies > 2 inches of penetration (include location & degree, i.e. penetration depth, together with photographs):
None.
Sloughing slopes ("):
None.
Undermined plant roots: (") or animal burrows:
None.
1101101
PHOTOGRAPH LOG
Photo # Photo Direction General Location Notes
See attached photo log in Appendix A
CECOND CENTANNILAL INCDECUION (ONLY)
SECOND SEMIANNUAL INSPECTION (ONLY)
STORMWATER DITCH
Integrity (& any damage):
Intact with no damage.

ANNUALLY – 2 DRY WELLS:

Collect one (1) composited sample	e from the dry wells; analyze for PCBs only.
Sample #:	
Sample time:	
Notes:	
GENERAL COMMENTS	
_General condition of repository is	good, need to repair fence on south side.
INSPECTOR	INSPECTION DATE
Dan Hoffman, NewFields	6/15/16



Photo 1. West slope looking NNE.



Photo 2. South slope looking N.



Photo 3. NE corner from base, looking SW.



Photo 4. SW corner from base, looking E.



Photo 5. Top from SE, looking SE.



Photo 6. SW corner from top, looking SW.



Photo 7. SE corner from top, looking SE.



Photo 8. E slope from top, looking E.



Photo 9. Top NE corner, looking NE.



Photo 10. Damaged fence near gate.

BONNER MILL SEPTEMBER 2016 SEMIANNUAL REPOSITORY INSPECTION FORM

PERIMETER FENCE INSPECTION

Walk entire perimeter of fenceline/barrier, and indicate gaps, damage, loose wire tension, or poor condition, by perimeter location

WOOD BRACE & CORNER POSTS:
Good Condition.
BARBED WIRE "FABRIC":
Good Condition – fence repaired since June visit
WARNING SIGNS ALONG FENCE (placed ~ every 350 feet) Good Condition
GATE CONDITION & SECURITY: Gate is locked, good condition
SIGNS OF INTRUSION (include photos):None.
VEGETATIVE COVER INSPECTION
Walk the surface of the Repository along at least 3 transects and walk the perimeter paying attention to the following:
VEGETATIVE BARE SPOTS:Small bare patches on northeast corner
WEED INFESTATIONS (presence & degree – include photos):
Minor presence of leafy spurge, cheatgrass and vetch

EROSION INSPECTION

This inspection can be part of the two inspections listed above. Describe location & severity of any cap damage.

SIGNIFICANT SURFACE DEPRESSIONS that could accumulate water, include
photos:
None
EXCESSIVE EROSION
Rills & gullies > 2 inches of penetration (include location & degree, i.e. penetration
depth, together with photographs):
None
Sloughing slopes ("):
None
Undermined plant roots: (") or animal burrows:
None
PHOTOGRAPH LOG
Photo # Photo Direction General Location Notes
_See attached photo log in Appendix B
SECOND SEMIANNUAL INSPECTION (ONLY)
STORMWATER DITCH
STORWINATER DITCH
Integrity (& any damage):
_Intact with no damage

ANNUALLY – 2 DRY WELLS:

Sample #:SDW-1	
Sample time: _1130	
Notes:_Only one of the four dry wells contain sampled. The Southwest well (SDW-1) was Hoffman with a disposable plastic bailer. The cooler and shipped directly to Energy Laborate reported as 0.42 ug/L, all other results were a Aroclor 1254 is below the Montana WQB-7 of the lab report is included as Appendix A.	ne sample was stored on ice in a sample atories. Concentration of Aroclor 1254 was non-detect. The reported concentration of groundwater standard of 0.5 ug/L. A copy
GENERAL COMMENTS	
Condition of repository is good, fence ha	as been repaired
INSPECTOR	INSPECTION DATE
_Dan Hoffman-NewFields	9/30/16

Collect one (1) composited sample from the dry wells; analyze for PCBs only.

College Station, TX 888.690.2218 • Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

ANALYTICAL SUMMARY REPORT

October 07, 2016

NewFields 1120 Cedar St Missoula, MT 59802-3911

Work Order: B16100138

Project Name: Stimson PCB Repository

Energy Laboratories Inc Billings MT received the following 1 sample for NewFields on 10/4/2016 for analysis.

Lab ID	Client Sample ID	Collect Date Receive Date	e Matrix	Test
B16100138-001	SDW-1 Stimson Southwest Dry Well	09/30/16 11:30 10/04/16	Aqueous	Polychlorinated Biphenyls (PCB's) Separatory Funnel Liquid Liquid Ext.

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By:



Billings, MT 800.735.4489 • Casper, WY 888.235.0515 College Station, TX 888.690.2218 • Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: NewFields Project: Stimson PCB Repository

Lab ID: B16100138-001

Client Sample ID: SDW-1 Stimson Southwest Dry Well

Report Date: 10/07/16 Collection Date: 09/30/16 11:30 DateReceived: 10/04/16

Matrix: Aqueous

Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
:)						
,	ua/l		0.50		SW8082A	10/06/16 02:53 / jem
	J					10/06/16 02:53 / jem
	•					10/06/16 02:53 / jem
	•					10/06/16 02:53 / jem
	Ū					10/06/16 02:53 / jem
	Ü	1				10/06/16 02:53 / jem
	•	3				10/06/16 02:53 / jem
	Ū					10/06/16 02:53 / jem
	·					10/06/16 02:53 / jem
	Ü					10/06/16 02:53 / jem
			40-110		SW8082A	10/06/16 02:53 / jem
	ND ND ND ND ND 0.42 ND ND ND ND ND	ND ug/L	ND ug/L ND ug/L ND ug/L ND ug/L ND ug/L ND ug/L O.42 ug/L DD ug/L ND ug/L 89.0 %REC	ND ug/L 0.50	Result Units Qualifiers RL QCL	Result Units Qualifiers RL QCL Method ND ug/L 0.50 SW8082A 0.42 ug/L 0.50 SW8082A ND ug/L 0.50 SW8082A ND ug/L 0.50 SW8082A ND ug/L 0.50 SW8082A ND ug/L 0.50 SW8082A 89.0 %REC 44-130 SW8082A

⁻ Sample extract received a Sulfuric Acid Clean-up (EPA Method 3665) and a Sulfur Clean-up (EPA Method 3660) prior to analysis.

Report RL - Analyte reporting limit. Definitions: QCL - Quality control limit.

J - Estimated value. The analyte was present but less

than the reporting limit.

MCL - Maximum contaminant level. ND - Not detected at the reporting limit.

QA/QC Summary Report

Prepared by Billings, MT Branch

Client:NewFieldsReport Date:10/07/16Project:Stimson PCB RepositoryWork Order:B16100138

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8082A								Batch	n: 103282
Lab ID: MB-103282	Method Blank				Run: HEC	D.I_161005A		10/06	/16 01:33
Aroclor 1016	ND	ug/L	0.50						
Aroclor 1221	ND	ug/L	0.50						
Aroclor 1232	ND	ug/L	0.50						
Aroclor 1242	ND	ug/L	0.50						
Aroclor 1248	ND	ug/L	0.50						
Aroclor 1254	ND	ug/L	0.50						
Aroclor 1260	ND	ug/L	0.50						
Aroclor 1262	ND	ug/L	0.50						
Aroclor 1268	ND	ug/L	0.50						
Surr: Decachlorobiphenyl			0.050	102	44	130			
Surr: Tetrachloro-m-xylene			0.050	83	40	110			
- Sample extract received a Sulfuric Acid Cle	an-up (EPA Method	d 3665) and a Sulfur	Clean-up	(EPA Meth	nod 3660) prior	to analysis.			
Lab ID: AR1254-103282	Laboratory Cor	ntrol Sample			Run: HEC	D.I_161005A		10/06	/16 01:59
Aroclor 1254	8.64	ug/L	0.50	86	55	132			
Surr: Decachlorobiphenyl			0.050	103	44	130			
Surr: Tetrachloro-m-xylene			0.050	78	40	110			
- Sample extract received a Sulfuric Acid Cle	an-up (EPA Method	d 3665) and a Sulfur	Clean-up	(EPA Meth	nod 3660) prior	to analysis.			
Lab ID: B16100138-001AMB	Sample Matrix	Spike			Run: HEC	D.I_161005A		10/06	/16 03:19
Aroclor 1254	9.67	ug/L	0.50	92	55	132			
Surr: Decachlorobiphenyl			0.050	92	44	130			
Surr: Tetrachloro-m-xylene			0.050	85	40	110			
- Sample extract received a Sulfuric Acid Cle	an-up (EPA Method	3665) and a Sulfur	Clean-up	(EPA Meth	nod 3660) prior	to analysis.			
Lab ID: B16100138-001ADB	Sample Matrix	Spike Duplicate			Run: HECI	D.I_161005A		10/06	/16 03:46
Aroclor 1254	9.42	ug/L	0.50	90	55	132	2.6	40	
Surr: Decachlorobiphenyl		-	0.050	90	44	130			
Surr: Tetrachloro-m-xylene			0.050	83	40	110			
- Sample extract received a Sulfuric Acid Cle	an-up (EPA Method	d 3665) and a Sulfur	Clean-up	(EPA Meth	nod 3660) prior	to analysis.			

Qualifiers:

B16100138

NewFields

Work Order Receipt Checklist

Login completed by: Date Received: 10/4/2016 Tabitha Edwards Reviewed by: BL2000\lcadreau Received by: gej Reviewed Date: Carrier name: Return-UPS Ground 10/5/2016 Not Present Shipping container/cooler in good condition? Yes √ No □ Custody seals intact on all shipping container(s)/cooler(s)? Not Present Yes ✓ No 🗌 Custody seals intact on all 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 🗌 (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) Temp Blank received in all shipping container(s)/cooler(s)? Not Applicable Yes No ✓ Container/Temp Blank temperature: 11.0°C On Ice Water - VOA vials have zero headspace? Yes No 🔲 Not Applicable $\overline{\mathsf{V}}$ Water - pH acceptable upon receipt? Yes √ No 🔲 Not Applicable

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

None

	Trust our People. Trust our Data.
RGY	ust our People.
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Chain of Custody & Analytical Request Record

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Account In	Account Information (Billing information)	'information)			Repor	t Inform	ation (# c#	ferent than Ac	Report Information (if different than Account Information)		Comments	ints
Company/Name NewFields	, NewFields				Company/Name	/Name	- · · !				Stimsc	Stimson southwest dry well.
Contact	Tyler Etzel				Contact							
Phone	(406) 240-7795				Phone					:		
Mailing Address	Mailing Address 1120 Cedar Street	iet .			Mailing Address	ddress				į		
City, State, Zip	Missoula, MT 59802	3802			City, State, Zip	e, Zip						
Email	tetzel@newfields.com	s.com			Email							
Receive Invoice	□Hard Copy ■Email	ail Receive Report	t □Hard Copy	y ©Email	Receive	Receive Report		□Email				
Purchase Order 350.0033.005	5	Quote			Special Re	Special Report/Formats:	ο	☐ EDD/EDT (contect laboratory)	laboratory) Other			
Project Information	ormation				Matrix Codes	sepos	-		Analysis Requested	sted		All turnaround times are
Project Name, P	t, etc.	Stimson PCB Repository	Reposito	خَ	A - Aur W- Water	ater						standard unless marked as RUSH.
Bottle Order	E				S Soils/ Solids V - Venetativ	S Soils/ Solids V Venetation	280					Energy Laboratories MUST be contacted prior to
Sample Origin S	Sample Origin State Montana	EPA/State Compliance	npliance Tes	oN □ se	· 6 (B - Bioassay	8 N				peys	RUSH sample submittal for charges and scheduling –
Sampler Name	Sampler Name Dan Hoffman	Sampler Phone	Sampler Phone (406) 549-	19-8270	DW Drinking	Iner inking later	lS s	<u> </u>			ettA	See Instructions Page
	Sample Identification	ion	Colle	Collection	Number of Containers	Matrix (See Codes	LCB					RUSH ELILABID
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Sample Disposal Client Lab	al Shipped By	Cooler ID(s)	Custody Seals	S	Receipt Temp		Temb Blank ≺ N	8z 5≻	CC Cash Ch	rayment type th Check	# S	Control page 1 de la control d

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All subcontracted data will be clearly notated on your analytical report.



Photo 1. West slope looking NNE.



Photo 2. South slope looking N.



Photo 3. NE corner from base, looking SW.



Photo 4. SW corner from base, looking E.



Photo 5. Top from SE, looking SE.



Photo 6. SW corner from top, looking SW.



Photo 7. SW Dry well, stormwater sample collection site.



Photo 8. E slope from top, looking E.



Photo 9. Top NE corner, looking NE.



Photo 10. Repaired fence near gate.