

Ms. Laura Alvey  
Remediation Division  
Montana Department of Environmental Quality  
1100 N. Last Chance Gulch  
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Subject:  
Reclamation Activities Completion Report  
Silvertip Pipeline Incident Response  
Docket No. WQA-12-08  
Laurel, Montana

ENVIRONMENT

Dear Ms. Alvey:

Date:  
July 24, 2013

This letter presents final documentation for the reclamation activities implemented by ExxonMobil Environmental Services Company (ExxonMobil) in vegetated areas that may have been disturbed by ExxonMobil Pipeline Company (EMPCo) during cleanup activities of the Silvertip Pipeline Incident Response. The reclamation activities were performed in accordance with the *Framework Document for the Reclamation of Disturbed Vegetation* (Framework Document, ARCADIS, September 24, 2011), *Reclamation Summary Report* (2011 Summary Report, ARCADIS, November 21, 2011), and *Scope of Work for Additional Reclamation of the B46/47 Area – Fall 2012* (B46/47 Area SOW, ARCADIS, October 11, 2012).

Contact:  
Stephen Barrick

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Our ref:  
B0085904.1301 #10

Most of the reclamation activities took place on State of Montana-owned land. For these locations (i.e., zones), potentially affected areas were characterized in the fall of 2011 by teams consisting of State of Montana and ExxonMobil representatives. The teams determined the reclamation strategy at the time of characterization, agreed to the area (zones) to be reclaimed, assessed the area and adjacent areas to determine the type and approximate density of existing vegetation, and determined the appropriate seed mix to be used in the area. The information collected during this field characterization effort was recorded on a Reclamation Field Form (RFF) that was approved by team representatives, as indicated by their signatures. The forms for each zone within a segment were summarized and then compiled to comprise the Area Specific Reclamation Plans (ASRPs). The reclamation actions prescribed by the ASRPs were implemented in the fall of 2011 and are detailed in the *2011 Summary Report*.

In accordance with the *Framework Document*, teams consisting of State of Montana and ExxonMobil representatives revisited each zone in the summer of 2012 to determine whether the reclamation objectives had been met. The Montana Department of Environmental Quality's (MDEQ's) contracted reclamation expert

Imagine the result

Herrera, Inc. (Herrera) was responsible for the evaluation of whether reclamation objectives were met at 49 zones in Divisions A, B and C, with the exception of zones located in the Duck Creek public access area. Montana Fish, Wildlife and Parks (FWP) was responsible for the five zones located in the Duck Creek public access area. Of the 49 zones visited by ExxonMobil and Hererra in July 2012, 47 zones met the reclamation objectives and were approved by Herrera, as stated in Herrera's *Silvertip Pipeline Revegetation Oversight Final Report* (Herrera, September 10, 2012). For the two remaining zones, Herrera and ExxonMobil representatives developed reclamation action plans. The additional reclamation activities were conducted at the two remaining zones in the fall of 2012. These locations were revisited and approved by Herrera and ExxonMobil representatives during July 2013. Table 1 (attached) provides the final approval date and the names of the State of Montana and ExxonMobil representatives who signed off (i.e., provided their approval) for each zone. Final RFFs with approval signatures for all zones are included as Attachment A.

Of the five zones visited by ExxonMobil and FWP in the Duck Creek public access area in July 2012, four zones met the reclamation objectives and were approved by FWP. On July 11, 2012, ExxonMobil received an e-mail from the Montana Fish, Wildlife, and Parks (FWP) regarding the vegetative cover in a reclaimed area at the Duck Creek public access area (reclamation zone A29-RB-1S). In response, ExxonMobil performed additional reclamation activities in this zone during the fall of 2012, and continued monitoring and maintenance activities into the summer of 2013. FWP, Hererra and ExxonMobil representatives inspected the Duck Creek public access area on July 17, 2013 and all parties approved a "No Further Action Required" decision for reclamation activities in the zone (see Attachment B).

A letter from the MDEQ to ExxonMobil dated September 12, 2012 indicated that the Montana Department of Natural Resources and Conservation (DNRC) was having difficulty managing unauthorized all-terrain vehicle (ATV) traffic/trails in the B46/47 Area and requested ExxonMobil's assistance with controlling the unauthorized activity and reclaiming active trails under provisions in the Administrative Order on Consent (Docket No, WQA-12-08). The DNRC does not allow off-road driving or ATV use in the B46/47 Area. In response, ExxonMobil requested an onsite meeting with the MDEQ, DNRC, Herrera and ARCADIS on September 24, 2012 to review current site conditions and discuss a path forward for assisting the DNRC with controlling unauthorized off-road traffic and reclaiming active trails. The *B46/47 Area SOW* was developed with input and recommendations from the MDEQ, DNRC, Herrera, ExxonMobil and ARCADIS, and was approved by all parties. The *B46/47 Area SOW* was implemented between October 29 and November 2, 2012 by DNRC field crews with oversight from Herrera and ARCADIS. Upon completion and

inspection, all parties approved a "No Further Action Required" decision for reclamation activities in the B46/47 Area (see Attachment C).

Reclamation activities related to the Silvertip Pipeline Incident Response are considered complete per the documentation and approval signatures provided herein. Therefore, EMPCo respectfully requests the MDEQ's formal close out of the reclamation zones and further reclamation activities.

Please do not hesitate to contact me at 919.415.2287, if you have any questions or need additional information.

Sincerely,

ARCADIS



Stephen P. Barrick, P.G.  
Senior Geologist / Program Manager

Copies:

Tom Henson, ExxonMobil Environmental Services Company  
Katherine Haque-Hausrath, MDEQ  
Joel Larkin, ExxonMobil Environmental Services Company  
Kevin Vaughan, ExxonMobil Corporation  
Bill Mercer, Holland & Hart, LLP  
Scott Davies, ARCADIS



**Table 1**

Table 1

**Silvertip Pipeline Incident Response  
Laurel, Montana**

**Reclamation Acceptance Sign-Off**

<b>Zone</b>	<b>Date Approved</b>	<b>Montana Agency Representative</b>	<b>ExxonMobil Representative</b>
A11-LB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A12-LB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A12-LB-2-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A12-LB-3-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A12-LB-4-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A12-RB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A13-LB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A13-LB-2-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A14-LB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A14-RB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A15-RB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A17-RB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A21-IS-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A22-IS-1-S	7/17/2013	Len Ballek (Herrera)	Eric Lunin (ARCADIS)
A22-IS-2-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A22-IS-3-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A28-RB-1M	7/19/2012	Cleve Schuster (MT FWP)	Cynthia Fenter (ARCADIS)
A28-RB-1S	7/19/2012	Cleve Schuster (MT FWP)	Cynthia Fenter (ARCADIS)
A28-RB-2S	7/19/2012	Cleve Schuster (MT FWP)	Cynthia Fenter (ARCADIS)
A28-RB-3S	7/19/2012	Cleve Schuster (MT FWP)	Cynthia Fenter (ARCADIS)
A29-IS-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
A29-RB-1-S	7/17/2013	Cleve Schuster (MT FWP)	Eric Lunin (ARCADIS)
B07-IS-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B09-LB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B11-LB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B12-LB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B12-LB-2-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B12-RB-1-S	7/17/2013	Len Ballek (Herrera)	Eric Lunin (ARCADIS)
B12-RB-2-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B12-RB-3-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B14-RB-1-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B18-IS-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B18-IS-2-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B19-IS-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B27-RB-1-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B27-RB-2-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B42-IS-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B42-IS-2-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B46-RB-1-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B46-RB-2-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B46-RB-3-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B46-RB-4-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B46-RB-5-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B47-RB-1-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B47-RB-2-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B47-RB-3-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B47-RB-4-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B47-RB-5-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B47-RB-6-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B47-RB-7-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
B47-RB-8-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
C08-LB-1-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
C08-LB-2-S	7/17/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
C44-RB-1-S	7/18/2012	Len Ballek (Herrera)	Cynthia Fenter (ARCADIS)
Duck Creek Site	7/17/2013	Len Ballek (Herrera) Cleve Schuster (MT FWP)	Eric Lunin (ARCADIS)
B46/B47 Area	11/5/2012 11/1/2012	Matt Wolcott (DNRC) Len Ballek (Herrera)	Stephen Barrick (ARCADIS)



**Attachment A**

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A11LB-1-5</b>	Starting LAT:	Date: <b>9/21/2011</b>
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<b>POPULUS ANGUSTIFOLIA</b>	<b>15%</b>
<b>POPULUS DELTOIDES</b>	<b>60%</b>
Shrubs	% Shrub Cover
<b>SAUX EXIGUA</b>	<b>40%</b>
<b>CORNUS STOLONIFERA</b>	<b>&lt; 5%</b>
Herbs	% Herbaceous Cover
<b>EQUISETUM</b>	<b>&lt; 5%</b>
<b>GALICOLA</b>	<b>5%</b>
<b>APOCYNUM</b>	<b>&lt; 5%</b>
<b>PHALARIS</b>	<b>4%</b>
<b>CAREX spp.</b>	<b>&lt; 5%</b>
<b>BROMUS</b>	<b>&lt; 10%</b>
<b>ASCLEPIAS</b>	<b>&lt; 5%</b>
Noxious Weeds	% Weed Cover
<b>EUPHORBIA</b>	<b>&lt; 5%</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	

Comments: **PHOTO # 31**

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<b>SEED MIX #3</b>	
<b>RIPARIAN</b>	
<b>* HEAVY COMPACTION - TILLING / RAKING NEEDED</b>	

Check if Applicable

Seeding

Disassemble stacked wood

Stabilization

Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<b>Leonard Ballek</b>
MDEQ Representative's Signature/Date:	<i>Leonard Ballek</i> 9/21/2011
ExxonMobil Representative's Name (Printed):	<b>ALEXANDER LEVY, AREAS</b>
ExxonMobil Representative's Signature/Date:	<i>Alexander Levy</i> 9/21/2011
<b>Reclamation Acceptance as Complete</b>	
MDEQ Representative's Name (Printed):	<b>Len Ballek</b>
MDEQ Representative's Signature/Date:	<i>Len Ballek</i> 7/17/2012
ExxonMobil Representative's Name (Printed):	<b>Lynthia Fenter</b>
ExxonMobil Representative's Signature/Date:	<i>Lynthia Fenter</i> 7/17/2012

**A11LB-1-5**



**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A12-LB-15</b>	Starting LAT:	Date: <b>20SEP11</b>
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<i>P. deltoides, Populus angustifolia</i>	<b>20%</b>
Shrubs	% Shrub Cover
<i>P. deltoides f. P. angustifolia</i>	<b>5%</b>
Herbs	% Herbaceous Cover
<i>Achyrocline sp., Bromus inermis</i>	<b>60%</b> <b>70</b>
Noxious Weeds	% Weed Cover
<i>Leaky spurge (Euphorbia sp.)</i>	<b>5%</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	<del>65%</del> <b>75%</b>

Comments: *Leaky spurge*

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<i>Brome mix</i>	

**Check if Applicable**

**Seeding**       Disassemble stacked wood       Stabilization       Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<i>Chris Melus</i>
MDEQ Representative's Signature/Date:	<i>Chris Melus</i> 9-20-11
ExxonMobil Representative's Name (Printed):	<i>Cynthia Kentor</i>
ExxonMobil Representative's Signature/Date:	<i>Cynthia Kentor</i> 9/20/11
<b>Reclamation Acceptance as Complete</b>	
MDEQ Representative's Name (Printed):	<del>Chris Melus</del> <i>CAMY Len Ballek</i>
MDEQ Representative's Signature/Date:	<i>Len Ballek</i> 7/17/12
ExxonMobil Representative's Name (Printed):	<i>Cynthia Kentor</i> 7/17/12
ExxonMobil Representative's Signature/Date:	<i>Cynthia Kentor</i> 7/17/12

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <i>ATZ-LB-25</i>	Starting LAT:	Date: <i>20SEP11</i>
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
<i>Populus deltoides, P. angustifolia,</i>		<i>80</i>
<b>Shrubs</b>		<b>% Shrub Cover</b>
<b>Herbs</b>		<b>% Herbaceous Cover</b>
<i>Glycyrrhiza sp, Asclepias sp, Bromus erectus</i>		<i>90%</i>
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
<i>Russian Olive, Leafy Spurge (Euphorbia sp)</i>		<i>10%</i>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		<i>100%</i>
<b>Comments:</b> <i>forested area</i>		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
<i>Grass Mix</i>		
<b>Check if Applicable</b>		
Seeding	Disassemble stacked wood	Stabilization
		Raking Only (No Seeding)
<b>Comments:</b> Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	<i>Chris Melus</i>	
MDEQ Representative's Signature/Date:	<i>Chris Melus 9-20/11</i>	
ExxonMobil Representative's Name (Printed):	<i>Cynthia Fenter</i>	
ExxonMobil Representative's Signature/Date:	<i>Cynthia Fenter 9/20/11</i>	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	<i>Len Ballack</i>	
MDEQ Representative's Signature/Date:	<i>Len Ballack 7/17/12</i>	
ExxonMobil Representative's Name (Printed):	<i>Cynthia Fenter</i>	
ExxonMobil Representative's Signature/Date:	<i>Cynthia Fenter 7/17/12</i>	

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A12-LB-25</b>	Starting LAT: Starting LONG:	Date: <b>9/20/11</b>
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**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<i>P. deltoides, P. angustata</i>	<b>80</b>
Shrubs	% Shrub Cover
Herbs	% Herbaceous Cover
<i>Glucurhiza, Bromus, Euphorbia, Asclepias sp</i>	<b>95</b>
Noxious Weeds	% Weed Cover
<i>Russian Olive, Euphorbia sp</i>	<b>15</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	<b>110%</b>

Comments:

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<i>Bromus sp</i>	

**Check if Applicable**

Seeding     
  Disassemble stacked wood     
  Stabilization     
  Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<i>Chris Melius</i>
MDEQ Representative's Signature/Date:	<i>Chris Melius</i> 9-20-11
ExxonMobil Representative's Name (Printed):	<i>Cynthia Fenter</i>
ExxonMobil Representative's Signature/Date:	<i>Cynthia Fenter</i> 9/20/11

**Reclamation Acceptance as Complete**

MDEQ Representative's Name (Printed):	<i>Lea Ballet</i>
MDEQ Representative's Signature/Date:	<i>Lea Ballet</i> 7/17/12
ExxonMobil Representative's Name (Printed):	<i>Cynthia Fenter</i>
ExxonMobil Representative's Signature/Date:	<i>Cynthia Fenter</i> 7/17/12

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): A-12-L6-405	Starting LAT:	Date: 9/20/11
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
Trees		% Tree Cover
Populus deltoides, P. angustifolia		80
Shrubs		% Shrub Cover
Herbs		% Herbaceous Cover
Glycerhiza, Bromus sp.		95
Noxious Weeds		% Weed Cover
Russian Olive, Euphorbia sp.		15
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		<b>110%</b>
Comments: Forested, Long track, some regrowth between bare spots		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
Brome Mix		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	Chris Melus	
MDEQ Representative's Signature/Date:	Chris Melus 9-20-11	
ExxonMobil Representative's Name (Printed):	Cynthia Fenter	
ExxonMobil Representative's Signature/Date:	Cynthia Fenter 9/20/11	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	Len Ballak	
MDEQ Representative's Signature/Date:	Len Ballak 7/17/12	
ExxonMobil Representative's Name (Printed):	Cynthia Fenter	
ExxonMobil Representative's Signature/Date:	Cynthia Fenter 7/17/12	

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): A-BLR-25	Starting LAT: Starting LONG:	Date: 9/20/11
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
Trees	P. deltoides, P. angustifolia	% Tree Cover 70
Shrubs		% Shrub Cover
Herbs	Glycyrrhiza sp, Euphorbia sp, Smooth Brome Sperhna (<5%) Asclepias sp Carex (<5%)	% Herbaceous Cover 95
Noxious Weeds	Euphorbia	% Weed Cover 5
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		100
Comments: small area at end of track sketched to see Carex, Prairie cord grass (Sperhna)		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
Brome Mix		
Check if Applicable		
Seeding	Disassemble stacked wood	Stabilization
Raking Only (No Seeding)		
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed): Chris Melius		
MDEQ Representative's Signature/Date:  9-20-11		
ExxonMobil Representative's Name (Printed): Cynthia Fenter		
ExxonMobil Representative's Signature/Date:  9/20/11		
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed): Len Ballet		
MDEQ Representative's Signature/Date:  7/17/12		
ExxonMobil Representative's Name (Printed): Cynthia Fenter		
ExxonMobil Representative's Signature/Date:  7/17/12		

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A13-LB-25</b> <del>(A) A11-B-1</del>	Starting LAT:	Date: <b>20 SEP 11</b>
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<i>P. angustifolia</i> , <i>Populus deltoides</i>	60%
Shrubs	% Shrub Cover
Herbs	% Herbaceous Cover
<i>Asclepias</i> all parts equal of slender wheat grass <i>Asclepias</i> sp. sand dropseed ( <i>Sporobolus cryptandrus</i> ) <i>Bromus erneims</i> <i>Poa</i> sp. Tufted hairgrass ( <i>Deschampsia caespitosa</i> )	<del>70%</del> 60%
Noxious Weeds	% Weed Cover
<i>Rhus glabra</i> , <i>Euphorbia</i>	5%
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	<del>70%</del> 65%

Comments: *Potentilla* *Bromus* / Wetland Mix - with care.

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<i>Native Riparian Mix</i>	

**Check if Applicable**

Seeding	Disassemble stacked wood	Stabilization	Raking Only (No Seeding)
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Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<i>Chris Melius</i>
MDEQ Representative's Signature/Date:	<i>Chris Melius</i> 9-20-11
ExxonMobil Representative's Name (Printed):	<i>Cynthia Penter</i>
ExxonMobil Representative's Signature/Date:	<i>Cynthia Penter</i> 9/20/11
<b>Reclamation Acceptance as Complete</b>	
MDEQ Representative's Name (Printed):	<i>Len Ballok</i>
MDEQ Representative's Signature/Date:	<i>Len Ballok</i> 7/17/12
ExxonMobil Representative's Name (Printed):	<i>Cynthia Penter</i>
ExxonMobil Representative's Signature/Date:	<i>Cynthia Penter</i> 7/17/12

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A14RB-1-S</b>	Starting LAT:	Date: <b>9/21/11</b>
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<b>P. DELTOIDES</b>	<b>60%</b>
<b>P. ANGUSTIFOLIA</b>	<b>20%</b>
Shrubs	% Shrub Cover
<b>LEUCAGNUS ANG.</b>	<b>20%</b>
<b>SHEPHERDIA</b>	<b>25%</b>
<b>SYMPHoricarpos</b>	<b>25%</b>
Herbs	% Herbaceous Cover
<b>ARIZONUM</b>	<b>25%</b>
<b>EQUISETUM</b>	<b>25%</b>
<b>BILAMUS</b>	<b>25%</b>
<b>PHALARIS</b>	<b>60%</b>
<b>CAREX SPP.</b>	<b>25%</b>
<b>CLERMATIS SP.</b>	<b>25%</b>
Noxious Weeds	% Weed Cover
<b>EMPHORBIA</b>	<b>&lt; 5%</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	

Comments: **PHOTO #33**

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<b>MIX #3 RIPARIAN</b>	

**Check if Applicable**

Seeding     
  Disassemble stacked wood     
  Stabilization     
  Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<b>Leonard Ballek</b>
MDEQ Representative's Signature/Date:	<i>Leonard Ballek</i> 9/21/2011
ExxonMobil Representative's Name (Printed):	<b>ALEXANDER LEVY - ARCADIS</b>
ExxonMobil Representative's Signature/Date:	<i>Alexander Levy</i> 9/21/2011
<b>Reclamation Acceptance as Complete</b>	
MDEQ Representative's Name (Printed):	<b>Ler Ballek</b>
MDEQ Representative's Signature/Date:	<i>Ler Ballek</i> 2/17/12
ExxonMobil Representative's Name (Printed):	<b>Cynthia Fentao</b>
ExxonMobil Representative's Signature/Date:	<i>Cynthia Fentao</i> 7/17/12

**A14RB-1-S**

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <i>A14-LB-15</i>	Starting LAT:	Date: <i>20 SEP 11</i>
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<i>Populus angustifolia</i>	10
Shrubs	% Shrub Cover
<i>Sarothra exigua</i>	10
Herbs	% Herbaceous Cover
<i>Glycyrrhiza sp., Asclepias sp., Phacelia sp.</i>	85%
Noxious Weeds	% Weed Cover
<i>Euphorbia sp.</i>	5
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	<b>90%</b>

Comments:

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<i>Fraxinus nigra</i> (B) Riparian (Native)	

**Check if Applicable**

Seeding     
  Disassemble stacked wood     
  Stabilization     
  Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<i>Chris Mohr</i>
MDEQ Representative's Signature/Date:	<i>Chris Mohr 9-20-11</i>
ExxonMobil Representative's Name (Printed):	<i>Cynthia Fenter</i>
ExxonMobil Representative's Signature/Date:	<i>[Signature] 9/20/11</i>

**Reclamation Acceptance as Complete**

MDEQ Representative's Name (Printed):	<i>Len Ballek</i>
MDEQ Representative's Signature/Date:	<i>Len Ballek 7/17/12</i>
ExxonMobil Representative's Name (Printed):	<i>Cynthia Fenter</i>
ExxonMobil Representative's Signature/Date:	<i>[Signature] 7/17/12</i>

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A15RB-1S</b>	Starting LAT: Starting LONG:	Date: <b>20 SEP 11</b>
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Observed Dominant Plant Species of the Existing Plant Community	
Trees <b>Russian Olive, Populus deltoides, P. angustata folia,</b>	% Tree Cover <b>80%</b>
Shrubs <b>Russian Olive</b>	% Shrub Cover
Herbs <b>Asclepias sp., Glycyrrhiza sp., Bromus inermis, Poa sp. (Bluegrass),</b>	% Herbaceous Cover <b>95%</b>
Noxious Weeds <b>Russian Olive; ASD</b>	% Weed Cover <b>20%</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	

Comments:  
**Forested area.**

Reclamation Design	
Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<b>Brome mix</b>	

**Check if Applicable**

Seeding	Disassemble stacked wood	Stabilization	Raking Only (No Seeding)
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Comments: Target seeding rate is 40 lbs/acre.

Characterization and Reclamation Design Signoff	
MDEQ Representative's Name (Printed):	<b>Chris Mahus</b>
MDEQ Representative's Signature/Date:	<b>[Signature] 9-20-11</b>
ExxonMobil Representative's Name (Printed):	<b>Cynthia Fenter</b>
ExxonMobil Representative's Signature/Date:	<b>[Signature] 9/20/11</b>
Reclamation Acceptance as Complete	
MDEQ Representative's Name (Printed):	<b>Len Ballek</b>
MDEQ Representative's Signature/Date:	<b>[Signature] 7/17/12</b>
ExxonMobil Representative's Name (Printed):	<b>Cynthia Fenter</b>
ExxonMobil Representative's Signature/Date:	<b>[Signature] 7/17/12</b>

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A17RB-1-S</b>	Starting LAT:	Date: <b>9/21/2011</b>
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
<b>P. DELTOIDES</b>		<b>50%</b>
<b>SAUX AMYGDALOIDES</b>		<b>&lt; 5%</b>
<b>Shrubs</b>		<b>% Shrub Cover</b>
<b>ELDAGNUS ANGSTIFOLIA</b>		<b>&lt; 5%</b>
<b>Herbs</b>		<b>% Herbaceous Cover</b>
<b>PHALARIS</b>		<b>80%</b>
<b>APOCYNINA</b>		<b>&lt; 5%</b>
<b>AESCLEPIAS</b>		<b>&lt; 5%</b>
<b>BROMUS</b>		<b>&lt; 5%</b>
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
<b>WHITE SWEET CLOVER</b>		<b>15%</b>
<b>THISTLE</b>		<b>&lt; 5%</b>
<b>CELEPHORBIA</b>		<b>&lt; 5%</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
Comments: <b>PHOTO #34</b>		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
<b>MIX #3 RIPARIAN</b>		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
<input type="checkbox"/> Raking Only (No Seeding)		
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	<b>Leonard Ballek</b>	
MDEQ Representative's Signature/Date:	<b>[Signature] 9/21/2011</b>	
ExxonMobil Representative's Name (Printed):	<b>ALEXANDER LEVY - ARCADIS</b>	
ExxonMobil Representative's Signature/Date:	<b>[Signature] 9-21-2011</b>	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	<b>Len Ballek</b>	
MDEQ Representative's Signature/Date:	<b>[Signature] 7/17/12</b>	
ExxonMobil Representative's Name (Printed):	<b>Lynthia Fentar</b>	
ExxonMobil Representative's Signature/Date:	<b>[Signature] 7/17/12</b>	

A-17-RB-1-S

**RECLAMATION FIELD FORM**

**— EXXONMOBIL SILVERTIP PIPELINE INCIDENT —**

Zone ID (Area/Zone): A 21-15-15	Starting LAT: Starting LONG:	Date: 21 SEP 11
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
Trees Populus deltoides,		% Tree Cover 10
Shrubs Russian Olive, Buffalo berry ( )		% Shrub Cover 10
Herbs Bromus sp - , <del>Asclepias</del> Asclepias sp, Glycyrrhiza sp		% Herbaceous Cover 20%
Noxious Weeds		% Weed Cover
Euphorbia sp, Russian Olive		80%
Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)		40%
Comments: MT DNR agent recommends - Heavy <del>brush</del> <sup>CP</sup> Harrowing Reclamation Design		
Recommended Species for Seeding and/or Other Identified Reclamation Work		% Seed (By Number)
Grass Mix		
Check if Applicable <input checked="" type="checkbox"/> Seeding <input type="checkbox"/> Disassemble stacked wood <input type="checkbox"/> Stabilization <input type="checkbox"/> Raking Only (No Seeding)		
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed): Chris Melus		
MDEQ Representative's Signature/Date: <i>Chris Melus</i> 9.21.11		
ExxonMobil Representative's Name (Printed): Cynthia Fenter		
ExxonMobil Representative's Signature/Date: <i>Cynthia Fenter</i> 9/21/11		
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed): Len Ballek		
MDEQ Representative's Signature/Date: <i>Len Ballek</i> 7/17/12		
ExxonMobil Representative's Name (Printed): Cynthia Fenter		
ExxonMobil Representative's Signature/Date: <i>Cynthia Fenter</i> 7/17/12		

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A22 IS-1-5</b>	Starting LAT:	Date: <b>9/21/2011</b>
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
<b>P. DELTOIDES</b>		<b>40%</b>
<b>B. AMYGDALOIDES</b> <b>POPULUS ANGSTIFOLIA</b> <b>30%</b>		<b>20%</b>
<b>Shrubs</b>		<b>% Shrub Cover</b>
<b>BUFFALO BURR</b>		<b>10%</b>
<b>ELAEAGNIS ANGSTIFOLIA</b>		<b>&lt;10%</b>
<b>Herbs</b>		<b>% Herbaceous Cover</b>
<b>PHALARIS</b>		<b>50%</b>
<b>BROMUS</b>		<b>20%</b>
<b>ASCLEPAS</b>		<b>&lt;5%</b>
<b>EQUISETUM</b>		<b>&lt;5%</b>
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
<b>EUPASUBIA</b>		<b>10%</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
<b>Comments:</b> <b>PHOTO #36</b>		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
<b>RIPARIAN MIX #3</b>		
<b>Check if Applicable</b>		
Seeding	Disassemble stacked wood	Stabilization
		Raking Only (No Seeding)
<b>Comments:</b> Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	<b>Leonard Ballek</b>	
MDEQ Representative's Signature/Date:	<b>Leonard Ballek 9/21/2011</b>	
ExxonMobil Representative's Name (Printed):	<b>ALEXANDER LEVY - ARLADIS</b>	
ExxonMobil Representative's Signature/Date:	<b>Alexander Levy 9-21-2011</b>	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	<b>Leonard Ballek</b>	
MDEQ Representative's Signature/Date:	<b>Leonard Ballek 7/17/2013</b>	
ExxonMobil Representative's Name (Printed):	<b>Eric Lunin</b>	
ExxonMobil Representative's Signature/Date:	<b>Eric Lunin 7/17/13</b>	

**A22 IS-1-5**

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A22IS-2-S</b>	Starting LAT: Starting LONG:	Date: <b>9/21/2011</b>
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**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<b>P. DELTOIDES</b>	<b>40%</b>
Shrubs	% Shrub Cover
<b>E. ANGLUSTIFOLIA</b>	<b>20%</b>
Herbs	% Herbaceous Cover
<b>PHACELIS BROMUS ERUSETUM ASCLEPIAS GALICOLA</b>	<b>60% 10% 25% 25% 30%</b>
Noxious Weeds	% Weed Cover
<b>C. RUBRA</b>	<b>10%</b>

**Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)**

Comments: **PHOTO #**

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<b>RIPARIAN MIX #37</b>	

**Check if Applicable**

- Seeding     
  Disassemble stacked wood     
  Stabilization     
  Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<b>Leonard Ballek</b>
MDEQ Representative's Signature/Date:	<b>Leonard Ballek 9/21/2011</b>
ExxonMobil Representative's Name (Printed):	<b>ALEXANDER LEVY - ARCADIS</b>
ExxonMobil Representative's Signature/Date:	<b>Alexander Levy 9/21/2011</b>
<b>Reclamation Acceptance as Complete</b>	
MDEQ Representative's Name (Printed):	<b>Len Ballek</b>
MDEQ Representative's Signature/Date:	<b>Len Ballek 7/17/12</b>
ExxonMobil Representative's Name (Printed):	<b>Cynthia Fenter</b>
ExxonMobil Representative's Signature/Date:	<b>Cynthia Fenter 7/17/12</b>

**A22IS-2-S**

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A2215-3-5</b>	Starting LAT:	Date: <b>9/21/2011</b>
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<b>P. DELTOIDES</b>	<b>40%</b>
<b>P. ANGUSTIFOLIA</b>	<b>10%</b>
Shrubs	% Shrub Cover
Herbs	% Herbaceous Cover
<b>ASCLEPIAS</b>	<b>25%</b>
<b>BROMUS</b>	<b>10%</b>
<b>PHALARIS</b>	<b>40%</b>
<b>GLYCOMIS</b>	<b>&lt; 5%</b>
<b>APOCYNUM</b>	<b>25%</b>
Noxious Weeds	% Weed Cover
<b>EUPHORBIA</b>	<b>30% - 45%</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	

Comments: **PICTURE #40**

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<b>BROME MIX #1</b>	

Check if Applicable

<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization	<input type="checkbox"/> Raking Only (No Seeding)
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Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<b>Leonard Ballek</b>
MDEQ Representative's Signature/Date:	<b>Leonard Ballek 9/21/2011</b>
ExxonMobil Representative's Name (Printed):	<b>ALEXANDER LEVY - ARCADIS</b>
ExxonMobil Representative's Signature/Date:	<b>Alexander Levy - 9-21-2011</b>
<b>Reclamation Acceptance as Complete</b>	
MDEQ Representative's Name (Printed):	<b>Len Ballek</b>
MDEQ Representative's Signature/Date:	<b>Len Ballek 7/13/12</b>
ExxonMobil Representative's Name (Printed):	<b>Cynthia Fenter</b>
ExxonMobil Representative's Signature/Date:	<b>Cynthia Fenter 7/17/12</b>

**A2215-3-5**

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone) <u>A28-RB-15</u> <u>A29-RB-35</u>	Starting LAT:	Date: <u>28 SEP 11</u>
	Starting LONG:	

Observed Dominant Plant Species of the Existing Plant Community	
Trees	% Tree Cover
<u>Populus deltoides</u>	<u>40</u>
Shrubs	% Shrub Cover
<u>Rhus sp. Tamarix (CP) RM</u>	<u>to 5</u>
Herbs	% Herbaceous Cover
<u>Cynoglossa sp., Phalaris sp., Clematis sp. Polygonia sp(?)</u>	<u>80</u>
Noxious Weeds	% Weed Cover
<u>Canada Thistle, Tamarix</u>	<u>5 10</u>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	

Comments: found up 1st. (CP) Dirt pile to be leveled & brought to boat ramp (A29-RB 35)

Reclamation Design	
Recommended Seed Mix for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<u>BRASS SP (CP) RM</u>	
<u>Custom Wheatgrass Native Mix (see A29-RB-15)</u>	

**Check if Applicable**  
 Seeding      .Disassemble stacked wood      .Stabilization      .Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<u>Ray Mule</u> <u>MT FWP</u>
MDEQ Representative's Signature/Date:	<u>Ray Mule</u> <u>MT FWP 9/23/2011</u>
ExxonMobil Representative's Name (Printed):	<u>Eric Lunn</u>
ExxonMobil Representative's Signature/Date:	<u>[Signature]</u> <u>9/24/11</u>
<b>Reclamation Acceptance as Complete</b>	
MDEQ Representative's Name (Printed):	<u>Cleve Schuster</u> <u>FWP MT</u>
MDEQ Representative's Signature/Date:	<u>[Signature]</u> <u>07/19/12</u>
ExxonMobil Representative's Name (Printed):	<u>Cynthia Kenter</u>
ExxonMobil Representative's Signature/Date:	<u>[Signature]</u> <u>7/19/12</u>



**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

A2B-EB-35 Zone ID (Area/Zone)		Starting LAT:	Date: 22 SEP 11
A2B-EB-45		Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>			
<b>Trees</b>			% Tree Cover
P. deltoides, P. angustifolia,			75
<b>Shrubs</b>			% Shrub Cover
Saw Amelanchier sp., Salix exigua, Symphoricarpos alba			15
<b>Herbs</b>			% Herbaceous Cover
Bromus sp. Phalaris sp.			100%
<b>Noxious Weeds</b>			% Weed Cover
Russian Olive.			5
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>			100
Comments: Saw trails off of mulched trail.			
<b>Reclamation Design</b>			
<b>Recommended Seed Mix for Seeding and/or Other Identified Reclamation Work</b>			% Seed (By Number)
Phormis sp. w/ Salix stakes on the banks			
<b>Check if Applicable</b>			
Seeding	Disassemble stacked wood	Stabilization	Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.			
<b>Characterization and Reclamation Design Signoff</b>			
MDEQ Representative's Name (Printed): Ray Mule' MT FWP			
MDEQ Representative's Signature/Date: Ray Mule' MT FWP 9/23/2011			
ExxonMobil Representative's Name (Printed): Eric Lunin			
ExxonMobil Representative's Signature/Date: Eric Lunin 9/24/11			
<b>Reclamation Acceptance as Complete</b>			
MDEQ Representative's Name (Printed): Cleve Schuster FWP MT			
MDEQ Representative's Signature/Date: Cleve Schuster 07/19/12			
ExxonMobil Representative's Name (Printed): Cynthia Kenton			
ExxonMobil Representative's Signature/Date: Cynthia Kenton 7/19/12			

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A28-1B</b> <b>2M</b>	Starting LAT: Starting LONG:	Date: <b>23 Sep</b>
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**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<i>Populus deltoides</i> , <i>R. angustifolia</i>	75%
Shrubs	% Shrub Cover
<i>Satin exiguua</i> , <i>Snowberry</i> , <i>Rosa</i>	15%
Herbs	% Herbaceous Cover
<i>Phalaris</i> sp. <i>Prunus</i> sp.	100%
Noxious Weeds	% Weed Cover
<input checked="" type="checkbox"/> <i>Russian Olive</i>	5
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	

Comments: **- Mulch Only - along trail**

**Reclamation Design**

Recommended Seed Mix for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<b>Mulch Only</b>	

Check if Applicable

Seeding                      .Disassemble stacked wood                      .Stabilization                      .Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed): **Ray Mule' MT FWP**  
MDEQ Representative's Signature/Date: **Ray Mule' MT FWP 9/23/2011**  
ExxonMobil Representative's Name (Printed): **Eric Lunin**  
ExxonMobil Representative's Signature/Date: **[Signature] 9/24/11**

**Reclamation Acceptance as Complete**

MDEQ Representative's Name (Printed): **Cleve Schwab FWP MT**  
MDEQ Representative's Signature/Date: **[Signature] 07/19/12**  
ExxonMobil Representative's Name (Printed): **Cynthia Fanta**  
ExxonMobil Representative's Signature/Date: **[Signature] 7/19/12**

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>A291-1B-15</b>	Starting LAT:	Date: <b>23SEP11</b>
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
Shrubs	% Shrub Cover
<b>Plus sp., Artemisia sp.</b>	<b>107</b>
Herbs	% Herbaceous Cover
<b>Bromus sp., crested wheat grass, assorted wheat grasses</b>	<b>100%</b>
Noxious Weeds	% Weed Cover

**Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)**

Comments: - UTV & truck across the road m/fwp - all require bank up prior to rickety  
 - custom seed mix here per USFWS - remove basin wildtype grass & do a more aggressive narrowing here - (highly compacted soils)

**Reclamation Design**

Recommended Seed Mix for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<b>Slender</b>	} wheat } <b>Custom mix</b> all require bank-up prior to seeding
<b>Thickspike</b>	
<b>Western</b>	
<b>Green-needle</b>	

**Check if Applicable**

Seeding       Disassemble stacked wood       Stabilization       Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed): **Ray Miel' MT FWP**  
 MDEQ Representative's Signature/Date: **Ray Miel' MT FWP 9/23/2011**  
 ExxonMobil Representative's Name (Printed): **Eric Lunin**  
 ExxonMobil Representative's Signature/Date: **[Signature] 9/24/11**

**Reclamation Acceptance as Complete**

MDEQ Representative's Name (Printed): **Clare J. Schuster**  
 MDEQ Representative's Signature/Date: **[Signature] 07/17/13**  
 ExxonMobil Representative's Name (Printed): **Eric Lunin ARCADIS**  
 ExxonMobil Representative's Signature/Date: **[Signature] 7/17/13**

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): A 29 IS - 1S	Starting LAT:	Date: 21 SEP 11
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<i>Rapulus angustalata</i> , <i>R. deltoides</i>	20
Shrubs	% Shrub Cover
<i>Salix ergova</i>	10
Herbs	% Herbaceous Cover
<i>Boromis</i> sp. <i>Agropyron</i> sp. <i>Phalaris</i> sp.	20
Noxious Weeds	% Weed Cover
<i>Elypharbin</i> sp. Spotted Knapweed	80
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>	100%

Comments:

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<i>Boromis</i> Min.	

**Check-if Applicable**

Seeding     
  Disassemble stacked wood     
  Stabilization     
  Raking Only (No Seeding)

Comments: Target seeding rate is 40 lbs/acre.

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	Chris Melus	MT DEQ
MDEQ Representative's Signature/Date:	<i>Chris Melus</i>	9.21-11
ExxonMobil Representative's Name (Printed):	Cynthia Kentor	ARCOPLS
ExxonMobil Representative's Signature/Date:	<i>Cynthia Kentor</i>	9/21/11
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	Len Ballet	
MDEQ Representative's Signature/Date:	<i>Len Ballet</i>	7/17/12
ExxonMobil Representative's Name (Printed):	Cynthia Kentor	
ExxonMobil Representative's Signature/Date:	<i>Cynthia Kentor</i>	7/17/12

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>B07-B-15</b>	Starting LAT: Starting LONG:	Date: <b>21 SEP 11</b>
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b> <i>Populus angustifolia, P. deltoides,</i>	<b>% Tree Cover</b> <b>30%</b>	
<b>Shrubs</b> <i>Juniperus sp.</i>	<b>% Shrub Cover</b> <b>5%</b>	
<b>Herbs</b> <i>Deschampsia sp, Bromus sp., Agropyron sp., Poa sp</i> <i>Sporobolus sp (Sand drop seed)</i> <i>Aschoe Asclepias sp.</i>	<b>% Herbaceous Cover</b> <b>70</b>	
<b>Noxious Weeds</b> <i>Russian Olive, Euphorbia sp</i>	<b>% Weed Cover</b> <b>30</b>	
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		<b>100%</b>
Comments:		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b> <i>Native Riparian Mix</i>	<b>% Seed (By Number)</b>	
<b>Check if Applicable</b> <input checked="" type="checkbox"/> Seeding <input type="checkbox"/> Disassemble stacked wood <input type="checkbox"/> Stabilization <input type="checkbox"/> Raking Only (No Seeding)		
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed): <i>Chris Mahus</i>		
MDEQ Representative's Signature/Date: <i>Chris Mahus</i> 9-21-11		
ExxonMobil Representative's Name (Printed): <i>Cynthia Fenter</i>		
ExxonMobil Representative's Signature/Date: <i>[Signature]</i> 9/21/11		
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed): <i>Ler Ballak</i>		
MDEQ Representative's Signature/Date: <i>[Signature]</i> 7/17/12		
ExxonMobil Representative's Name (Printed): <i>Cynthia Fenter</i>		
ExxonMobil Representative's Signature/Date: <i>[Signature]</i> 7/17/12		

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID* (Area/Zone): <del>B-10LB-1-S</del> B-9LB-1-S	Starting LAT:	Date: 9-18-11
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
Cotton Wood 30% NL Cotton wood 10% Juniper		40%
<b>Shrubs</b>		<b>% Shrub Cover</b>
Juniper 10%		10%
<b>Herbs</b>		<b>% Herbaceous Cover</b>
Milk weed >50% Common grape 75% Basin wild rye >50% Red top 40% Orchard grass >50% Smooth Brome 30%		70%
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
Russian Olive >50%		0
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
Comments: loop description is rest area iPhone pictures 19 iPhone 9 Zone data collected on GPS		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
dry meadow mix		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)</b>		
Agency's Representative's Name (Printed): Mike Glenn	Agency:	MT DEQ
Agency's Representative's Signature/Date:		9/18/11
ExxonMobil Representative's Name (Printed): ERIC UNGBERG		
ExxonMobil Representative's Signature/Date:		9/18/2011
<b>Reclamation Acceptance as Complete</b>		
Agency's Representative's Name (Printed): Len Ballek	Agency:	MT DEQ
Agency's Representative's Signature/Date:		7/17/12
ExxonMobil Representative's Name (Printed): Cynthia Fenter		
ExxonMobil Representative's Signature/Date:		7/17/12

Zone ID  
 A01 - 01 - S  
 Division - Zone # - Type

S - Seed  
 R - Rake  
 W - Stacked Wood  
 L - Large Staging Area/Boat Staging  
 X - Other (specify)

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID* (Area/Zone): <i>B-11-LB-1-S</i>	Starting LAT:	Date: <i>9-18-11</i>
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
Trees		% Tree Cover <i>0</i>
Shrubs		% Shrub Cover <i>0</i>
Herbs <i>Reed Canary Grass 95%</i> <i>Pale smart weed &gt;5%</i>		% Herbaceous Cover <i>95%</i>
Noxious Weeds <i>Canada Thistle &gt;5%</i> <i>Leafy Spurge &gt;5%</i>		% Weed Cover <i>0</i>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
Comments: <i>Photos 20 and 21 Iphone 33</i>		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		% Seed (By Number)
<i>Riparian Mix</i>		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)</b>		
Agency's Representative's Name (Printed): <i>Mike Glenn</i>	Agency:	<i>MT DEQ</i>
Agency's Representative's Signature/Date: <i>[Signature]</i>		<i>9/18/11</i>
ExxonMobil Representative's Name (Printed): <i>ERIC UNGERZG</i>		
ExxonMobil Representative's Signature/Date: <i>[Signature]</i>		<i>9/18/11</i>
<b>Reclamation Acceptance as Complete</b>		
Agency's Representative's Name (Printed): <i>Len Ballek</i>	Agency:	<i>MT DEQ</i>
Agency's Representative's Signature/Date: <i>[Signature]</i>		<i>7/17/12</i>
ExxonMobil Representative's Name (Printed): <i>Cynthia Fenter</i>		
ExxonMobil Representative's Signature/Date: <i>[Signature]</i>		<i>7/17/12</i>

Zone ID  
 A01 - 01 - S  
 Division - Zone # - Type

S - Seed  
 R - Rake  
 W - Stacked Wood  
 L - Large Staging Area/Boat Staging  
 X - Other (specify)

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID* (Area/Zone): <b>B-12LB-1-S</b>	Starting LAT:	Date: <b>9-18-11</b>
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community*</b>		
<b>Trees</b>		<b>% Tree Cover</b>
N2 Cotton wood 10%		<b>25%</b>
Cottonwood 15%		
<b>Shrubs</b>		<b>% Shrub Cover</b>
Snow berry 5%      Rose		<b>5%</b>
RM Juniper >5%      Willow >5%		
<b>Herbs</b>		<b>% Herbaceous Cover</b>
Milk weed 10%      liquorish 5%		<b>45%</b>
Asapargus >5%		
Reed Canary grass 30%		
Poison Ivy >5%		
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
Leady Spurge 50%		<b>50%</b>
Russian Olive >5%		
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		<b>95%</b>
Comments:		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
Smooth Brome mix		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)</b>		
Agency's Representative's Name (Printed):	<b>Mike Glenn</b>	Agency: <b>MT DEC</b>
Agency's Representative's Signature/Date:	<i>[Signature]</i>	<b>9/18/11</b>
ExxonMobil Representative's Name (Printed):	<b>ERIC UNGBERG</b>	
ExxonMobil Representative's Signature/Date:	<i>[Signature]</i>	<b>9/18/11</b>
<b>Reclamation Acceptance as Complete</b>		
Agency's Representative's Name (Printed):	<b>Len Ballek</b>	Agency: <b>MT DEC</b>
Agency's Representative's Signature/Date:	<i>[Signature]</i>	<b>7/17/12</b>
ExxonMobil Representative's Name (Printed):	<b>Gynthia Kenter</b>	
ExxonMobil Representative's Signature/Date:	<i>[Signature]</i>	<b>7/17/12</b>

Zone ID  
A01 - 01 - S  
Division - Zone # - Type

S - Seed  
R - Rake  
W - Stacked Wood  
L - Large Staging Area/Boat Staging  
X - Other (specify)

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID* (Area/Zone): <b>B-12-LB-2-S</b>	Starting LAT: Starting LONG:	Date: <b>9-18-11</b>
<b>Observed Dominant Plant Species of the Existing Plant Community'</b>		
<b>Trees</b>		<b>% Tree Cover</b>
Cottonwood 40% NL Cottonwood >5%      Juniper >5%		40 %
<b>Shrubs</b>		<b>% Shrub Cover</b>
Snow berry >5%		0
<b>Herbs</b>		<b>% Herbaceous Cover</b>
Reed Canary grass 55% <del>Snow berry &gt;5%</del> Curly dock >5%      Pale smart weed >5% Milk weed 5%      Equistom >5% Carax 40%      climatus >5%		100 %
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
Loaty Spurge >5%      Russian Olive >5% Canadaq thistle >5%		0
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
Comments: iPhone not working Photos 22, 23 on iPhone 9 Zone data collected on GPS 18		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
Wetland mix		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization <input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)</b>		
Agency's Representative's Name (Printed): <b>Mike Glenn</b>		Agency: <b>MT DEQ</b>
Agency's Representative's Signature/Date: <i>[Signature]</i>		<b>9/18/11</b>
ExxonMobil Representative's Name (Printed): <b>ERIC UNGBERG</b>		
ExxonMobil Representative's Signature/Date: <i>[Signature]</i>		<b>9/18/2011</b>
<b>Reclamation Acceptance as Complete</b>		
Agency's Representative's Name (Printed): <b>Len Ballek</b>		Agency: <b>MT DEQ</b>
Agency's Representative's Signature/Date: <i>[Signature]</i>		<b>7/17/2012</b>
ExxonMobil Representative's Name (Printed): <b>Cynthia Fenter</b>		
ExxonMobil Representative's Signature/Date: <i>[Signature]</i>		<b>7/17/2012</b>

Zone ID	S - Seed
A01 - 01 - S	R - Rake
Division - Zone # - Type	W - Stacked Wood
	L - Large Staging Area/Boat Staging
	X - Other (specify)



**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

TRB #9

Zone ID* (Area/Zone): <b>B12RB-2-S</b>	Starting LAT:	Date: <b>9/17/11</b>
Starting LONG:		
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
<b>P. ANGUSTIFOLIA</b>		<b>40%</b>
<b>P. DELTOIDES</b>		<b>80%</b>
<b>Shrubs</b>		<b>% Shrub Cover</b>
<b>ELAEAGNUS ANGSTIFOLIA</b>		<b>20%</b>
<b>Herbs</b>		<b>% Herbaceous Cover</b>
<b>BROMUS</b>		<b>60%</b>
<b>PALARIS</b>		<b>45%</b>
<b>GLYCORRHIZA</b>		<b>15%</b>
<b>BOERHAVIA</b>		<b>28%</b>
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
<b>Spartina</b>		
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
Comments: <b>PHOTO #14</b>		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
<b>SEED MIX #2</b>		
<input checked="" type="checkbox"/> <b>Seeding</b> <input type="checkbox"/> <b>Disassemble stacked wood</b> <input type="checkbox"/> <b>Stabilization</b> <input type="checkbox"/> <b>Raking Only (No Seeding)</b>		
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)</b>		
Agency's Representative's Name (Printed):	<b>Leonard Ballek</b>	Agency: <b>MT DEQ</b>
Agency's Representative's Signature/Date:	<i>Leonard Ballek</i>	<b>9-17-2011</b>
ExxonMobil Representative's Name (Printed):	<b>ALEXANDER BEVY</b>	
ExxonMobil Representative's Signature/Date:	<i>Alexander Bevy</i>	<b>9-17-2011</b>
<b>Reclamation Acceptance as Complete</b>		
Agency's Representative's Name (Printed):	<b>Len Ballek</b>	Agency: <b>MT DEQ</b>
Agency's Representative's Signature/Date:	<i>Len Ballek</i>	<b>7/18/12</b>
ExxonMobil Representative's Name (Printed):	<b>Byathia Foster</b>	
ExxonMobil Representative's Signature/Date:	<i>Byathia Foster</i>	<b>7/18/12</b>

Zone ID	S - Seed
A01 - 01 - S	R - Rake
Division - Zone # - Type	W - Stacked Wood
	L - Large Staging Area/Boat Staging
	X - Other (specify)



**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID* (Area/Zone): <b>B1423-1-S</b>	Starting LAT:	Date: <b>9/17/2011</b>
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
Cottonwood 30 NL Cottonwood 10		40
<b>Shrubs</b>		<b>% Shrub Cover</b>
Russian olive 5 & Western Snowberry 25		5
<b>Herbs</b>		<b>% Herbaceous Cover</b>
Milkweed 25 Wild Licorice 5 Reed canary grass 60 Smooth Brome 5 Equisetum 5		75
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
Euphorbia 15		15
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		<b>90</b>
Comments: Pictures 16/17 on iPhone 33		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
RIPAZIAN MIX		
<b>Check if Applicable</b>		
Seeding <input checked="" type="checkbox"/>	Disassemble stacked wood	Stabilization
		Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)</b>		
Agency's Representative's Name (Printed): <b>Mike Glenn</b>	Agency:	<b>MT DEC</b>
Agency's Representative's Signature/Date: <i>[Signature]</i>		<b>9/17/11</b>
ExxonMobil Representative's Name (Printed): <b>ERIC UNGBERG</b>		
ExxonMobil Representative's Signature/Date: <i>[Signature]</i>		<b>9/17/11</b>
<b>Reclamation Acceptance as Complete</b>		
Agency's Representative's Name (Printed): <b>Len Ballek</b>	Agency:	<b>MT DEC</b>
Agency's Representative's Signature/Date: <i>[Signature]</i>		<b>7/18/12</b>
ExxonMobil Representative's Name (Printed): <b>Lyofnia Fenter</b>		
ExxonMobil Representative's Signature/Date: <i>[Signature]</i>		<b>7/18/12</b>

Zone ID  
 A01 - 01 - S  
 Division - Zone # - Type

S - Seed  
 R - Rake  
 W - Stacked Wood  
 L - Large Staging Area/Boat Staging  
 X - Other (specify)

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): BIB IS-1S	Starting LAT: Starting LONG:	Date: 19 SEP 11
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
Populus deltoides, Populus angustata <sup>SP</sup>		
<b>Shrubs</b>		<b>% Shrub Cover</b>
Populus deltoides, Populus angustata, Salix exigua, TAMMIX		55%
<b>Herbs</b>		<b>% Herbaceous Cover</b>
Phalaris sp. sp (Aced Canary Grass)		50
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
Comments:		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
Riparian Mix		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	Leonard Ballek	
MDEQ Representative's Signature/Date:	Leon Ballek 9/19/2011	
ExxonMobil Representative's Name (Printed):	Lynthia Fenter	
ExxonMobil Representative's Signature/Date:	[Signature] 9/19/2011	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	Len Ballek	
MDEQ Representative's Signature/Date:	[Signature] 7/17/12	
ExxonMobil Representative's Name (Printed):	Lynthia Fenter	
ExxonMobil Representative's Signature/Date:	[Signature] 7/17/12	

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <i>B18-IS-2S</i>	Starting LAT:	Date: <i>19SEP11</i>
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
Trees		% Tree Cover
Shrubs	<i>Populus angustifolia, P. deltoides, Salix exigua</i>	% Shrub Cover <i>90%</i>
Herbs	<i>Phalaris sp (Beard-canary grass)</i>	% Herbaceous Cover <i>25</i>
Noxious Weeds	<i>Ø</i>	% Weed Cover
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
Comments:		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
<i>Riparian</i>		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	<i>Leonard Ballek</i>	
MDEQ Representative's Signature/Date:	<i>Leonard Ballek 9/19/2011</i>	
ExxonMobil Representative's Name (Printed):	<i>Lynthia Fenter</i>	
ExxonMobil Representative's Signature/Date:	<i>[Signature] 9/19/2011</i>	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	<i>Len Ballek</i>	
MDEQ Representative's Signature/Date:	<i>Len Ballek 7/17/12</i>	
ExxonMobil Representative's Name (Printed):	<i>Lynthia Fenter</i>	
ExxonMobil Representative's Signature/Date:	<i>[Signature] 7/17/12</i>	

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): B19-DS-75	Starting LAT:	Date: 19 SEP 11
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
Populus angustifolia, P deltoides,		50%
<b>Shrubs</b>		<b>% Shrub Cover</b>
<b>Herbs</b>		<b>% Herbaceous Cover</b>
<del>Staphylea trifolia</del> (American beech) Glycyrrhiza sp Carex sp (sedge) (Anacone)		65%
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
Comments:		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
Wetland		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	Leonard Baltek	
MDEQ Representative's Signature/Date:	9/19/2011	
ExxonMobil Representative's Name (Printed):	Cynthia Fenter	
ExxonMobil Representative's Signature/Date:	9/19/2011	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	Len Baltek	
MDEQ Representative's Signature/Date:	7/17/12	
ExxonMobil Representative's Name (Printed):	Cynthia Fenter	
ExxonMobil Representative's Signature/Date:	7/17/12	

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>B2728-1-S</b>	Starting LAT:	Date:
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
Trees		% Tree Cover
Shrubs		% Shrub Cover
Spreading dogbane (5) Sandbar willow (10) NL cottonwood (50) Cottonwood (5)		70
Herbs		% Herbaceous Cover
Shoony milkweed 15 Smooth brane 40 Equisetum sp. 5 Wild licorice 10 Reed canary 5		60
Noxious Weeds		% Weed Cover
Tamarisk sp. (5) Euphorbia (10)		15
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		70
Comments:		
<b>Reclamation Design</b>		
<b>Recommended Seed Mix for Seeding and/or Other Identified Reclamation Work</b>		% Seed (By Number)
Riparian mix		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	Chris Mehus	
MDEQ Representative's Signature/Date:	Chris Mehus 9-22-11	
ExxonMobil Representative's Name (Printed):	ERIC UNGBERG	
ExxonMobil Representative's Signature/Date:	E. Ungberg 09/22/2011	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	Len Baltek	
MDEQ Representative's Signature/Date:	Len Baltek 7/18/12	
ExxonMobil Representative's Name (Printed):	Cynthia Fenter	
ExxonMobil Representative's Signature/Date:	Cynthia Fenter 7/18/12	

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>B27RB-2-5</b>	Starting LAT:	Date:
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
Cottonwood		15
<b>Shrubs</b>		<b>% Shrub Cover</b>
Dogbane <5 Common Snowberry 10 ML cottonwood 20		30
<b>Herbs</b>		<b>% Herbaceous Cover</b>
Redtop 5 Showy milkweed 5 Aster sp. <5 Smooth brome 25 Canada thistle 5 Carex sp <5 Equisetum 10 E Wild licorice 15 Juncus sp <5 Melilotus alba 5 Solidago sp. 5 Poison ivy 5 Mullein <5		80
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
Euphorbia 5		5
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		<b>85</b>
Comments:		
<b>Reclamation Design</b>		
<b>Recommended Seed Mix for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
Riparian mix		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
<input type="checkbox"/> Raking Only (No Seeding)		
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed): <i>Chris Mehus</i>		
MDEQ Representative's Signature/Date: <i>Chris Mehus</i> 9-22-11		
ExxonMobil Representative's Name (Printed): <b>ERIC UNGBERG</b>		
ExxonMobil Representative's Signature/Date: <i>E. Ungberg</i> 09/22/2011		
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed): <i>Len Bullek</i>		
MDEQ Representative's Signature/Date: <i>Len Bullek</i> 7/18/12		
ExxonMobil Representative's Name (Printed): <i>Cynthia Fenter</i>		
ExxonMobil Representative's Signature/Date: <i>Cynthia Fenter</i> 7/18/12		

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <u>Bt2-15-1s</u> <u>BZSD</u> <u>AM</u>	Starting LAT: Starting LONG:	Date: <u>22SEP11</u>
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
Trees		% Tree Cover
<u>Nyctalus angustifolia</u>		<u>10%</u>
Shrubs		% Shrub Cover
Herbs		% Herbaceous Cover
<u>Asclepias sp. Prairie Sand Reed, wheatgrass, Foxtail,</u> <u>Carex sp (&gt;30%)</u> <u>AM</u>	<u>(<del>15%</del> of others) ↑</u> <u>AM</u>	<u>40</u>
Noxious Weeds		% Weed Cover
<u>Russian Olive, Euphorbia,</u>		<u>30</u>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		<u>70</u>
Comments: <u>Transition zone between forested &amp; Brume - pretty heavy Noxious weeds</u>		
<b>Reclamation Design</b>		
<b>Recommended Seed Mix for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
<u>Brume Mix</u>		
<b>Check if Applicable</b> <input checked="" type="checkbox"/> Seeding <input type="checkbox"/> Disassemble stacked wood <input type="checkbox"/> Stabilization <input type="checkbox"/> Raking Only (No Seeding)		
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed): <u>Chris Mehus</u>		
MDEQ Representative's Signature/Date: <u>Chris Mehus</u> <u>9-22-11</u>		
ExxonMobil Representative's Name (Printed): <u>Cynthia Fenter</u>		
ExxonMobil Representative's Signature/Date: <u>[Signature]</u> <u>9/22/11</u>		
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed): <u>Lex Ballet</u>		
MDEQ Representative's Signature/Date: <u>[Signature]</u> <u>7/17/12</u>		
ExxonMobil Representative's Name (Printed): <u>Cynthia Fenter</u>		
ExxonMobil Representative's Signature/Date: <u>[Signature]</u> <u>7/17/12</u>		

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <u>B4Z 15.2S</u> <u>Cam</u>	Starting LAT: Starting LONG:	Date: <u>22 SEP 11</u>
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
<u>Populus angustiloba</u>		<u>10</u>
<b>Shrubs</b>		<b>% Shrub Cover</b>
<b>Herbs</b>		<b>% Herbaceous Cover</b>
<u>Thread-leaf sedge (Carex longiloba) filifolia, Sparobolus sp. <sup>Cam</sup></u> <u>Sparobolus crypanthus, Bromus, cheat grass</u> <u>Asclepias sp. <sup>Cam</sup></u> <u>Artemisia sp (frigida?)</u>		<u>65</u>
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
<u>Russian Olive, Euphorbia</u>		<u>10</u>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		<u>75</u>
Comments:		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
<u>Dry Meadow Mix</u>		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> <u>Seeding</u>	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	<u>Chris Mahus</u>	
MDEQ Representative's Signature/Date:	<u>Chris Mahus 9-22-11</u>	
ExxonMobil Representative's Name (Printed):	<u>Cynthia Kenter</u>	
ExxonMobil Representative's Signature/Date:	<u>[Signature] 9/22/11</u>	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	<u>Lew Ballek</u>	
MDEQ Representative's Signature/Date:	<u>Lew Ballek 7/17/12</u>	
ExxonMobil Representative's Name (Printed):	<u>Cynthia Kenter</u>	
ExxonMobil Representative's Signature/Date:	<u>[Signature] 7/17/12</u>	

RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT

RB 1

Zone ID* (Area/Zone): <b>B46-X-S</b>	Starting LAT:	Date: <b>09/16/11</b>
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
Trees		% Tree Cover
Pop. delt.                      Pop. ang.		
Shrubs		% Shrub Cover
Salix esigue                      Cornus sericea                      Elaeagnus (russica)		
Herbs		% Herbaceous Cover
Glyce. lepi - 40%                      milkweed. 5%                      Amaranthus Carex 15%                      Sparganium - 10%                      Echinachlor Phalaris 10%		
Noxious Weeds		% Weed Cover
Euphorbia - 5%                      Cirsium <5%		
Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)		
Comments: Forested/shrubby area		
<b>Reclamation Design</b>		
Recommended Species for Seeding and/or Other Identified Reclamation Work		% Seed (By Number)
Riparian mix		
<input checked="" type="checkbox"/> Seeding <input type="checkbox"/> Disassemble stacked wood <input type="checkbox"/> Stabilization <input type="checkbox"/> Raking Only (No Seeding)		
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	Mike Glenn                      MT DEQ	
MDEQ Representative's Signature/Date:	<i>M. Glenn</i> 9/17/11	
ExxonMobil Representative's Name (Printed):	ERIC UNGREZ	
ExxonMobil Representative's Signature/Date:	<i>E. Ungrez</i> 9/17/11	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	Len Ballek	
MDEQ Representative's Signature/Date:	<i>Len Ballek</i> 7/18/12	
ExxonMobil Representative's Name (Printed):	Lynna Fenster	
ExxonMobil Representative's Signature/Date:	<i>Lynna Fenster</i> 7/18/12	

Zone ID  
A01 - 01 - S  
Division - Zone # - Type

S - Seed  
R - Rake  
W - Stacked Wood  
L - Large Staging Area/Boat Staging  
X - Other (specify)

photo taken  
50 of 50

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID* (Area/Zone): <sup>46</sup> B46RB-2-S	Starting LAT:	Date: 09/17/2011
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
Cottonwood		50
<b>Shrubs</b>		<b>% Shrub Cover</b>
Cot. tamarisk 10 Sandbar willow 45		10
<b>Herbs</b>		<b>% Herbaceous Cover</b>
Reed Canary Grass 75		75
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
Euphorbia esola 45 Tamarisk 45		
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		
Comments: Photo 12 on phone # 9		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
Riparian Seed mix		
<b>Check if Applicable</b>		
Seeding <input checked="" type="checkbox"/>	Disassemble stacked wood	Stabilization
		Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)</b>		
Agency's Representative's Name (Printed):	Mike Glenn	Agency: MT DEC
Agency's Representative's Signature/Date:	<i>Mike Glenn</i>	9/12/11
ExxonMobil Representative's Name (Printed):	ERIC UNGBERG	
ExxonMobil Representative's Signature/Date:	<i>E. Ungberg</i>	9/17/11
<b>Reclamation Acceptance as Complete</b>		
Agency's Representative's Name (Printed):	Lea Ballet	Agency: MT DEC
Agency's Representative's Signature/Date:	<i>Lea Ballet</i>	7/18/12
ExxonMobil Representative's Name (Printed):	Cynthia Fenter	
ExxonMobil Representative's Signature/Date:	<i>Cynthia Fenter</i>	7/18/12

Zone ID  
 A01 - 01 - S  
 Division - Zone # - Type

S - Seed  
 R - Rake  
 W - Stacked Wood  
 L - Large Staging Area/Boat Staging  
 X - Other (specify)

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID* (Area/Zone): B46RB-3-S	Starting LAT:	Date: 9/17/2011
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		% Tree Cover
<b>Shrubs</b>		% Shrub Cover
NL Cottonwood (40)      Sandbar willow (25) Russian olive (25) Cottonwood (20)		40
<b>Herbs</b>		% Herbaceous Cover
Eleocharis palustris (50)      Tineus Sp (25) Carex Sp (25)      Wild Licorice (25) Panicum (25) Dogbane (25) Panicum capillare (25)		75
<b>Noxious Weeds</b>		% Weed Cover
Euphorbia L5		0
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		75
Comments: Photos 11 on phone # 9		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		% Seed (By Number)
WETLAND MIX		
<b>Check if Applicable</b>		
Seeding <input checked="" type="checkbox"/>	Disassemble stacked wood	Stabilization
		Raking Only (No Seeding)
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)</b>		
Agency's Representative's Name (Printed): Mike Glenn	Agency: MT DEC	
Agency's Representative's Signature/Date: <i>Mike Glenn</i>	9/17/11	
ExxonMobil Representative's Name (Printed): ERIC UNGBERG		
ExxonMobil Representative's Signature/Date: <i>Eric Ungberg</i>	9/17/11	
<b>Reclamation Acceptance as Complete</b>		
Agency's Representative's Name (Printed): Jen Ballek	Agency: MT DEC	
Agency's Representative's Signature/Date: <i>Jen Ballek</i>	7/18/12	
ExxonMobil Representative's Name (Printed): Cynthia Fenter		
ExxonMobil Representative's Signature/Date: <i>Cynthia Fenter</i>	7/18/12	

Zone ID  
 A01 - 01 - S  
 Division - Zone # - Type

S - Seed  
 R - Rake  
 W - Stacked Wood  
 L - Large Staging Area/Boat Staging  
 X - Other (specify)



**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID* (Area/Zone): B4GRB-S-S	Starting LAT:	Date: 9/17/2011
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
Cottonwood 60		60
<b>Shrubs</b>		<b>% Shrub Cover</b>
NL Cottonwood 15 Russian olive 15 Ribes sp		0
<b>Herbs</b>		<b>% Herbaceous Cover</b>
Doabane 15 Wild rice 50 Shoary milkweed 15 Reed Canary grass 10 Catnip 15 Redtop 10 White Sweet clover 15		70
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
Cynoglossum 10 Canada thistle 10 Euphorbia 15		20
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		90
Comments: Pictures 14/15 / iPhone # 32		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
ZIPARIAN MIX		
<b>Check if Applicable</b>		
Seeding <input checked="" type="checkbox"/>	Disassemble stacked wood <input type="checkbox"/>	Stabilization <input type="checkbox"/> Raking Only (No Seeding) <input type="checkbox"/>
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)</b>		
Agency's Representative's Name (Printed):	Mike Glenn	Agency: MT DEQ
Agency's Representative's Signature/Date:	<i>[Signature]</i>	9/17/11
ExxonMobil Representative's Name (Printed):	ERIC UMBERG	
ExxonMobil Representative's Signature/Date:	<i>[Signature]</i>	9/17/11
<b>Reclamation Acceptance as Complete</b>		
Agency's Representative's Name (Printed):	Len Ballek	Agency: MT DEQ
Agency's Representative's Signature/Date:	<i>[Signature]</i>	7/18/12
ExxonMobil Representative's Name (Printed):	Cynthia Fenter	
ExxonMobil Representative's Signature/Date:	<i>[Signature]</i>	7/18/12

Zone ID  
A01 - 01 - S  
Division - Zone # - Type

S - Seed  
R - Rake  
W - Stacked Wood  
L - Large Staging Area/Boat Staging  
X - Other (specify)

B47RB-1-S

RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT

Zone ID* (Area/Zone): <del>B07RB</del>	Starting LAT:	Date:
	Starting LONG:	
Observed Dominant Plant Species of the Existing Plant Community		
Trees		% Tree Cover
<del>Pop. 00%</del> <del>Pop. 25%</del>		
Shrubs		% Shrub Cover
Lusson olive 5% Salix exigua 30% Pop <del>25%</del> 25%		60%
Herbs		% Herbaceous Cover
Glyca. lepi. 5% Carex <del>25%</del> 25% Scirpus pung. 5% Equisetum. 5% Phalaris. 35%		70%
Noxious Weeds		% Weed Cover
Euphorbia 5%		
Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)		
Comments:		
Reclamation Design		
Recommended Species for Seeding and/or Other Identified Reclamation Work		% Seed (By Number)
<del>Regional Native Mix Wetland mix</del>		
<input checked="" type="checkbox"/> Seeding <input type="checkbox"/> Disassemble stacked wood <input type="checkbox"/> Stabilization <input type="checkbox"/> Raking Only (No Seeding)		
Comments: Target seeding rate is 40 lbs/acre.		
Characterization and Reclamation Design Signoff (NOT USED FOR NON-STATE AND NON-FEDERAL LANDS)		
Agency's Representative's Name (Printed):	Mike Clem	Agency: MT DEC
Agency's Representative's Signature/Date:	<i>Mike Clem</i>	9/17/11
ExxonMobil Representative's Name (Printed):	ERIC UNGBERG	
ExxonMobil Representative's Signature/Date:	<i>E. Ungberg</i>	9/17/11
Reclamation Acceptance as Complete		
Agency's Representative's Name (Printed):	Len Ballek	Agency: MT DEC
Agency's Representative's Signature/Date:	<i>Len Ballek</i>	7/18/12
ExxonMobil Representative's Name (Printed):	Cynthia Fenter	
ExxonMobil Representative's Signature/Date:	<i>Cynthia Fenter</i>	7/18/12

Zone ID  
A01 - 01 - S  
Division - Zone # - Type

S - Seed  
R - Rake  
W - Stacked Wood  
L - Large Staging Area/Boat Staging  
X - Other (specify)

Phone #33  
photo 10+11





BH7RB-4-5

**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <sup>4</sup> BH7RB-4-5	Starting LAT:	Date: 09/16/11
	Starting LONG:	
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		% Tree Cover
Populus delt. 5% Pop. ang. 5%		10%
<b>Shrubs</b>		% Shrub Cover
Salix (streambank) <5% exigua		<5%
<b>Herbs</b>		% Herbaceous Cover
Bromus inermis <del>10%</del> 10% Glycyrrhiza lepi. <5% Phalaris. <5%		<del>10%</del> 10%
<b>Noxious Weeds</b>		% Weed Cover
Euphorbia esula 75% Tamansk <5% Cirsium ar. <5%		75%
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		85%
Comments: Full sun		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		% Seed (By Number)
Brome mix		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
<input type="checkbox"/> Raking Only (No Seeding)		
Comments: Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	Mike Glenn	MT DEQ
MDEQ Representative's Signature/Date:	<i>M. Glenn</i>	9/17/11
ExxonMobil Representative's Name (Printed):	ERIC LUNGBERG	
ExxonMobil Representative's Signature/Date:	<i>E. Lungberg</i>	9/17/11
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	Len Ballek	
MDEQ Representative's Signature/Date:	<i>Len Ballek</i>	7/18/12
ExxonMobil Representative's Name (Printed):	Cynthia Renter	
ExxonMobil Representative's Signature/Date:	<i>Cynthia Renter</i>	7/18/12









**RECLAMATION FIELD FORM**  
**EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

TRG #33

Zone ID (Area/Zone): <b>C08LB-1-S</b>	Starting LAT:	Date: <b>9/23/2011</b>
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<b>P. DELTOIDES</b>	<b>25%</b>
Shrubs	% Shrub Cover
<b>E. ANGUSTIFOLIA</b>	<b>25%</b>
Herbs	% Herbaceous Cover
<b>GLYCOMPHIZA</b>	<b>25%</b>
<b>APOCYNUM</b>	<b>25%</b>
<b>BROMUS</b>	<b>20%</b>
<b>ABSCLOPIAS</b>	<b>15%</b>
Noxious Weeds	% Weed Cover
<b>EUPHORBIA</b>	<b>30%</b>

**Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)**

Comments: **POSSIBLY RECREATIONAL USE IMPACT** **PICTURE #42**

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<b>BROME MIX #7</b>	

**Check if Applicable**

**Seeding**
                 
  **Disassemble stacked wood**
                 
  **Stabilization**
                 
  **Raking Only (No Seeding)**

Comments: **Target seeding rate is 40 lbs/acre.**

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<b>Leonard Ballek</b>
MDEQ Representative's Signature/Date:	<i>Leonard Ballek</i> <b>9/23/2011</b>
ExxonMobil Representative's Name (Printed):	<b>ALEXANDER LEW - ARCADIS</b>
ExxonMobil Representative's Signature/Date:	<i>Alexander Lew</i> <b>9/23/2011</b>

**Reclamation Acceptance as Complete**

MDEQ Representative's Name (Printed):	<b>Lew Ballek</b>
MDEQ Representative's Signature/Date:	<i>Lew Ballek</i> <b>7/17/12</b>
ExxonMobil Representative's Name (Printed):	<b>Cynthia Fentor</b>
ExxonMobil Representative's Signature/Date:	<i>Cynthia Fentor</i> <b>7/17/12</b>

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): <b>C08LB -2-S</b>	Starting LAT:	Date: <b>9/23/2011</b>
	Starting LONG:	

**Observed Dominant Plant Species of the Existing Plant Community**

Trees	% Tree Cover
<b>P. ANGUSTIFOLIA</b>	<b>45%</b>
Shrubs	% Shrub Cover
<b>E. ANGUSTIFOLIA</b>	<b>15%</b>
Herbs	% Herbaceous Cover
<b>Bromus</b>	<b>15%</b>
<b>ADOCYNUM</b>	<b>45%</b>
<b>GYCOPHYZA</b>	<b>30%</b>
Noxious Weeds	% Weed Cover
<b>EUPHORBIA</b>	<b>30%</b>

**Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)**

Comments: **Photo #46**      **could be recreational use impact**  
**SHOOTING TARGETS NEARBY**

**Reclamation Design**

Recommended Species for Seeding and/or Other Identified Reclamation Work	% Seed (By Number)
<b>Brome mix # 1</b>	

**Check if Applicable**

**Seeding**     
  **Disassemble stacked wood**     
  **Stabilization**     
  **Raking Only (No Seeding)**

Comments: **Target seeding rate is 40 lbs/acre.**

**Characterization and Reclamation Design Signoff**

MDEQ Representative's Name (Printed):	<b>Leonard Ballek</b>
MDEQ Representative's Signature/Date:	<b>Len Ballek 9/23/2011</b>
ExxonMobil Representative's Name (Printed):	<b>ALEXANDER LEY - ARCADIS</b>
ExxonMobil Representative's Signature/Date:	<b>Alexander Ley 9/23/2011</b>
<b>Reclamation Acceptance as Complete</b>	
MDEQ Representative's Name (Printed):	<b>Len Ballek</b>
MDEQ Representative's Signature/Date:	<b>Len Ballek 7/17/12</b>
ExxonMobil Representative's Name (Printed):	<b>Cynthia Fenton</b>
ExxonMobil Representative's Signature/Date:	<b>Cynthia Fenton 7/17/12</b>

**RECLAMATION FIELD FORM  
EXXONMOBIL SILVERTIP PIPELINE INCIDENT**

Zone ID (Area/Zone): C44-EB-1	Starting LAT: 45.99730 Starting LONG: -108.15294	Date: 9/27/11
<b>Observed Dominant Plant Species of the Existing Plant Community</b>		
<b>Trees</b>		<b>% Tree Cover</b>
Populus deltoides		100%
<b>Shrubs</b>		<b>% Shrub Cover</b>
Snowberry (Symphoricarpos albus)		100%
<b>Herbs</b>		<b>% Herbaceous Cover</b>
Bromis smooth wild rye (elymus)		80%
wheatgrass		10%
Licorice		10%
<b>Noxious Weeds</b>		<b>% Weed Cover</b>
<b>Total Percent Herbaceous Ground Cover (including herbaceous noxious weeds)</b>		100%
<b>Comments:</b> 100% • 3 small tracks in same general area, all mapped on photos 1, 2, & 3 on phone TRG 18 iPhone		
<b>Reclamation Design</b>		
<b>Recommended Species for Seeding and/or Other Identified Reclamation Work</b>		<b>% Seed (By Number)</b>
Bromis mix		
<b>Check if Applicable</b>		
<input checked="" type="checkbox"/> Seeding	<input type="checkbox"/> Disassemble stacked wood	<input type="checkbox"/> Stabilization
		<input type="checkbox"/> Raking Only (No Seeding)
<b>Comments:</b> Target seeding rate is 40 lbs/acre.		
<b>Characterization and Reclamation Design Signoff</b>		
MDEQ Representative's Name (Printed):	Chris Melus	
MDEQ Representative's Signature/Date:	Chris Melus 9-27-11	
ExxonMobil Representative's Name (Printed):	Amy Waterskog	
ExxonMobil Representative's Signature/Date:	Amy Waterskog	
<b>Reclamation Acceptance as Complete</b>		
MDEQ Representative's Name (Printed):	Len Ballek	
MDEQ Representative's Signature/Date:	Len Ballek 7/18/12	
ExxonMobil Representative's Name (Printed):	Cynthia Fenter	
ExxonMobil Representative's Signature/Date:	Cynthia Fenter 7/18/12	



**Attachment B**

Reclamation Acceptance as Complete, No Further Action Required Form  
Reclamation of the Duck Creek Area - Summer 2013  
Silvertip Pipeline Incident Response  
July 17, 2013

The Montana Department of Environmental Quality (MDEQ), Montana Fish, Wildlife & Parks (MFWP), and ARCADIS U.S., Inc. (on behalf of ExxonMobil) have inspected the Duck Creek Fishing Access Site near Laurel, Montana (Areas A28 & A29) that were reclaimed in accordance with the documents titled *Framework for the Reclamation of Disturbed Vegetation* dated September 26, 2011 and *Reclamation Summary Report* dated November 21, 2011. Per the above referenced documents, the reclamation objectives have been met; therefore, we hereby approve of the reclamation work completed in the Duck Creek Area and require no further action as indicated by the signatures below.

Sony Ball  
By (As Authorized Representative of the MDEQ)

07/17/2013  
Date

Leonard Baltek  
Name Printed

Senior Ecologist/Contractor  
Title Printed

Clay Mott  
By (As Authorized Representative of MFWP)

07/17/13  
Date

Cleve J. Schuster  
Name Printed

FAS Program Manager  
Title Printed

Eric J. ...  
By (As Authorized Representative of ARCADIS)

7/17/13  
Date

Eric Lunin  
Name Printed

Staff Engineer  
Title Printed



**Attachment C**

Attachment F

Reclamation Acceptance as Complete, No Further Action Required Form  
Reclamation of the B46/47 Area – Fall 2012  
Silvertip Pipeline Incident Response  
October 10, 2012

The Montana Department of Environmental Quality (MDEQ), Department of Natural Resources and Conservation (DNRC), and ARCADIS U.S., Inc. (on behalf of ExxonMobil) have inspected the all-terrain vehicle (ATV) trails that were reclaimed in accordance with the attached document titled *Scope of Work for Additional Reclamation of the B46/47 Area – Fall 2012* dated October 10, 2012 (SOW document). Per the SOW document, the reclamation objectives have been met; therefore, we hereby approve of the reclamation work completed in the B46/47 Area and require no further action as indicated by the signatures below.

Samuel Ballek  
By (As Authorized Representative of the MDEQ)

11/1/2012  
Date

Leonard Ballek  
Name Printed

Senior Ecologist (MDEQ Representative)  
Title Printed

Matt Wolcott  
By (As Authorized Representative of the DNRC)

11/5/2012  
Date

Matt Wolcott  
Name Printed

Southern Area Manager  
Title Printed

Stephen Barrick  
By (As Authorized Representative of ARCADIS)

11/5/12  
Date

Stephen Barrick  
Name Printed

Project Manager / Senior Geologist  
Title Printed