

## Record of Land Disturbance and SWPPP Modifications

The operator (or designee) shall update the SWPPP no later than seven days following any modification to its implementation. All modifications or updates to the SWPPP shall be noted and shall include the following items:

1. A record of dates when:
  - a. Major grading activities occur;
  - b. Construction activities temporarily or permanently cease on a portion of the site; and
  - c. Stabilization measures are initiated;
2. Documentation of replaced or modified controls that have been used inappropriately or incorrectly and where modified as soon as possible;
3. Areas that have reached final stabilization and where no further SWPPP or inspection requirements apply;
4. All properties that are no longer under the legal control of the operator, and dates of which operator no longer had legal control;
5. The date of any prohibited discharges, the discharge volume released, and what actions were taken to minimize the impact of the release;
6. Measures taken to prevent the reoccurrence of any prohibited discharge; and
7. Measures taken to address any evidence identified as a result of an inspection required under Part II F.

By initialing a SWPPP modification below, you are making the certification found in Part III K of the Permit.

Action and Location	Start Date / End Date	Initials
Silt Fence used as end treatment for waterbars on Access Road MVP - GI - 232	4/20	CER MB
"	4-21	CER MB
CFS used as end Treatment for waterbars on Access Road MVP - GI - 232	4-20	CER MB
"	4-21	CER MB
Silt fence used as end Treatment for waterbars on Access Road MVP - GI - 231	4-23	CER MB
"	5-5	CER MB
Grade adjust at MVP - GI - 238 to west Install PI silt fence 800' replace 12" CFS	5/29/18	FRT MB
See "MVP Environmental Redlines Form"	7/30/18	DR

## **Record of Land Disturbance and SWPPP Modifications**

9

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    - c. Stabilization measures are initiated;
  2. Documentation of replaced or modified controls that have been used inappropriately or incorrectly and where modified as soon as possible;
  3. Areas that have reached final stabilization and where no further SWPPP or inspection requirements apply;
  4. All properties that are no longer under the legal control of the operator, and dates of which operator no longer had legal control;
  5. The date of any prohibited discharges, the discharge volume released, and what actions were taken to minimize the impact of the release;
  6. Measures taken to prevent the reoccurrence of any prohibited discharge; and
  7. Measures taken to address any evidence identified as a result of an inspection required under Part II E

By initialing a SWPPP modification below, you are making the certification found in Part III K of the Permit.

Action and Location	Start Date / End Date	Initial
Install Priority 1 silt fence as end treatment for existing water banks on AR 266.03	4/20/18 to 4/21/18	FRT
Install 12" CPS around portion of Karst feature at 11788+21 - 60' installed	4/23/18	FRT
Installed 18" CPS on east side of AR MLV 26	4/28/18	FRT
Install 12" CPS at Karst feature - 100' installed	4/30/18	FRT
Installed PI silt fence 11789/02 - 11789/71	4/18/18	FRT
Installed PI silt fence 11787/85 - 11792/00 - 308 ft	4/20/18	FRT
Installed PI silt fence 11788/25 - 86 feet	4/21/18	FRT
Installed PI silt fence 11788/21 - 11786/25 - 225 feet	4/23/18	FRT
Installed PI silt fence 11613/69 - 610 feet	4/25/18	FRT
Installed PI silt fence 11606/21 374 feet MP 219.5	4/26/18	FRT
Installed PI silt fence 11986/00 700 feet MP 226	4/27/18	FRT
Installed 12" CPS 11760/80 - 11760/89	4/25/18	FRT
Installed PI silt fence 11606/00 50' feet	5/3/18	FRT
Installed 12" CPS 11767/62 - 11762/00 66' feet	5/8/18	FRT
Installed PI silt fence 12" CPS at Karst MP 222.8	5/8/18	FRT
Installed PI silt fence >20' on AR 249.01	5/18/18	FRT
Installed Erosion blanket 10826+00 100' Kow Camp Rd	5/18/18	R&R
Added CWD MLV 25 150' to contain run on	5/20/18	FRT
Installed PI silt fence 11748+50 - 120'	5/22/18	FRT
Installed PI silt fence 11790+00 210' Karst MP 223.3	5/22/18	FRT
Installed PI silt fence 11792+25 175' Karst 223.34	5/22/18	FRT
Installed PI silt fence 11796+90 90' Karst 223.43	5/22/18	FRT
Installed PI silt fence 11798+80/160' Karst 223.47	5/22/18	FRT
Installed PI silt fence 11827+40 70' Karst 224.0	5/22/18	FRT
Installed PI silt fence 11826+70(3-15) 12" CPS replace	5/22/18	FRT
Installed PI silt fence 11833+20 30' Upgrade 12" CPS	5/22/18	FRT

Action and Location	Start Date / End Date	Initial
Installed PI Silt fence 11844+00 700' Replace 12" CFS	5/22/18	RMR
Installed PI Silt fence 50' - 11839+00 Replace 12" CFS	5/22/18	RMR
Installed PI Silt fence 600' 11813+50 Replace 12" CFS	5/22/18	RMR
Installed PI Silt fence 11817+00 200' Replace 12" CFS	5/22/18	RMR
Replaced CWD water moving off row		
Installed PI Silt fence 11837+38 138' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11860+00 500' Replace 12" CFS	5/22/18	RMR
Installed PI Silt fence 11863+00 200' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11884+50 272' Replace 12" CFS at W-PHLZ	5/22/18	FMR
Installed PI Silt fence 11867+50 350' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11881+25 1025' Replace 12" CFS	5/22/18	RMR
Installed PI Silt fence 11882+50 1650' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11900+00 325' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11884+50 575' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11853+50 750' Replace 12" CFS	5/22/18	RMR
Installed PI Silt fence 11902+00 1700' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11825+00 500' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11836+00 300' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11841+00 100' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11847+00 1000' Replace 12" CFS	5/22/18	FMR
Installed triple stack 12" CFS 11821+50 400' Replace 18" CFS	5/22/18	FMR
Installed PI Silt fence 11875+00 - 11877+50 200' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11880+00 - 11881+00 1000' Replace 12" CFS	5/22/18	FMR
Installed PI Silt fence 11880+50 - 11887+00 650' Replace 12" CFS	5/22/18	FMR
Install RCE - Added at Chamber Rd 3500sf	5/22/18	FMR
Install SSF Replace 18" CFS 11770+50 to 11780+25 450'	5/23/18	FMR
Install PI Silt fence 11780+00 - 11782+50 250' Replace 12" CFS	5/23/18	FMR
Install SSF 11767+00 to 11769+50 100' Replace 12" CFS	5/23/18	FMR

Action and Location	Start Date / End Date	Initial
Install PI silt fence		
Install PI silt fence 11726+00 - 11717+90 810' 12" EPS Replace	5/30	KRW MB
Install PI silt fence 11706+85 - 11687+42 1943' 12" EPS Replace	5/30	KRW MB
Install PI silt fence 11944+00 - 11942+50 250' Addon to Karst	5/29	KRW MB
CWD Moved to allow proper drainage 11978+00	5/28	KRW MB
Install PI silt fence 11732+00 - 11729+00 300' Replace 12" CES	5/31	KRW MB
Install PI silt fence 11732+00 - 11729+87 213' Replace 12" CES	5/31	KRW MB
Install PI silt fence 11726+71 - 11717+20 951' Replace 12" CES	5/31	KRW MB
Install PI silt fence 11704+73 - 11704+10 63' Replace 12" CES	5/31	KRW MB
Install PI silt fence 11704+00 - 11695+00 900' Replace 12" CES	5/31	KRW MB
Triple stack 12" EPS 11710+00 - 11706+95 305' Replace 18" CES	5/31	KRW MB
Install PI silt fence 11706+95 - 11703+90 285' Replace 12" CES	5/31	KRW MB
Install triple stack 12" CES 11703+79 - 11700+60 579' Replace 18" CES	5/31	KRW MB
Install PI silt fence 11693+44 - 11692+00 114' Replace 12" CES	5/31	KRW MB
Install triple stack 12" CES 11692+00 - 11640+67 133' Replace 12" CES	5/31	KRW MB
Triple stack 18" CES 11677+80 - 11678+00 50' Install behind DI	5/29	KRW MB
Install PI silt fence AR 235 800' Replace 12" CES	6/1	KRW MB
Install Curves for RCE 10883+76 - 10883+80 70' 10883+83+80	5/31	KRW MB
Install PI silt fence 10883+76 - 10883+80 200' 6/2 5/31	5/31	KRW MB
Install PI silt fence 11167+83 - 11167+92 150'	5/31	KRW MB
Install PI silt fence 11227+59 - 11227+63 200'	6/2	KRW MB
Install curves 11227+59 - 11227+63 300'	6/2	KRW MB
Install 12" CES 11607+81 - 1167+81 200' Stream buffer	6/1	KRW MB
Install 12" CES 11614+20 - 1164+20 200' Stream buffer	6/1	KRW MB
Install curves at stream buffer 11524+16 175'	5/30	KRW MB
Install RCE at Stevens bog 11189+70 70'	6/14	KRW MB
Install RCE at 235 150'	6/19	KRW MB
Mulch topsoil & seed 235 300'	6/19	KRW MB
Mulch topsoil 11682+87 - 11667+07 1379'	6/20	KRW MB

Action and Location	Start Date / End Date	Initial
Install P1 Fan 12" CRS 11380+00 - 11390+00 125'	6/20	FNW MB
Install P1 SF Fan 12" CRS 11380+00 - 11388+92 832'	6/20	FNW MB
Install P1 SR Fan 12" CRS 11370+00 - 11371+25 125'	6/20	FNW MB
Install P1 SF Fan 12" CRS 11360+00 - 11363+55 355'	6/21	FNW MB
Install P1 SF Fan 12" CRS At 45 633 600'	6/22	FNW MB
Install P1 SF Fan 12" CRS 11320+00 11330+00 1000'	6/22	FNW MB
Install P1 SF Fan 12" CRS 11311+94 - 11320+00 806'	6/22	FNW MB
Install P1 SF Fan 12" CRS 11298+00 - 11320+00 2180'	6/22	FNW MB
Install P1 SF Fan 12" CRS 11257+55 - 11270+00 1200'	7/1	FNW MB
Install P1 SF Fan 12" CRS		
Slab, 1.20' top sl. 1' Seed & Mulch 11550+00-11400+00 9000'	7/1	FNW MB
Slab, 1.20' top soi 1 1140+00-11353+07 4633'	7/2	FNW MB
Slab, 1.20' top soil 1 AR 256.02 2500'	7/10	FNW MB
P1 - 3x 18" CRS - SSF Fan Karst 11979+00-11972+50 150'	7/10	FNW MB
3x 18" CRS Fan Karst 11974+00-11975+50 150'	7/10	FNW MB
3x 18" CRS Such dredges Fan Karst 11950+00 11951+00 100'	7/10	FNW MB
3x 18" CRS + SSF 11950+00-11945+00 50'	7/10	FNW MB
3x 18" CPC replace 12" CRR 11932+00 11934+00 200'	7/10	FNW MB
3x 18" CRS + SSF AR 266 150'	7/10	FNW MB
3x 18" CRS, P1, SSF AR 266 100'	7/11	FNW MB
3x 18" CRS 11946+00 - 11948+00 50'	7/11	FNW MB
3x 18" CRS + SSR 11834+00 11837+00 300'	6/22	FNW MB
Construction activity stopped on 6/23		FNW MB
Resumed on 7/9 except for clearing		
Partial release on 7/3 for Kickoff to MT Tabon Road		
Cleaning is not working as of 7/11		



**MVP Environmental Redlines Form**

PROJECT NAME:	AFE:	124300137	SPREAD:	G
CONTRACTOR:			DATE:	
INSPECTOR:			WEATHER:	

Items installed IN ADDITION to E & S Drawings Instructions:

#	Line Item	Start Station	Stop Station	QTY	UOM	Reason for Usage
4/18	Priority One Silt Fence	11789/02	11789/71	69'	Lin ft	Used Silt Fence for KARST feature @ MP 223
4/20	Priority One Silt Fence	11787/25	11792/00	308'	Lin ft	used as upgrade from CFS on E/S MP 223
4/20	Priority One Silt Fence	11899/19	11900/35	36'	Lin ft	used for end treatments on pre existing water bars 266.03 ✓
4/21	Priority One Silt Fence	11788/0	11788/25	86'	Lin ft	used as upgrade from CFS on E/S @ MP 223
4/21	Priority One Silt Fence	11899/19	11899/99	283'	Lin ft	used for end treatments on pre existing water bars 266.03 ✓
4/23	Priority One Silt Fence	11788/21	11786/25	225'	Lin ft	used as upgrade from CFS @ MLV 26
4/23	12" CFS	11788/21	11786/25	60'	Lin ft	used for Karst Feature @ MP 223 ✓
4/25	Priority One Silt Fence	11613/69	11613/69	1610'	Lin ft	used as upgrade from CFS on E/S MP 219.5
4/25	12" CFS	11760/80	11760/89	30'	Lin ft	CFS @ MLV 26 Feature ✓
4/26	Priority One Silt Fence	11606/21	11606/21	374'	Lin ft	used as upgrade from CFS on E/S @ MP 219.5
4/27	Priority One Silt Fence	11986/00	11989/00	700'	Lin ft	used as upgrade from CFS on E/S @ MP 224
4/30	CFS 12"	11788/21	11788/21	100'	Lin ft	CFS added to KARST @ MP 223 ✓
4/30	CFS 12"	11789/21	11790/00	60'	Lin ft	CFS added to KARST @ MP 223 ✓
4/28	18" CFS	11767/15	11767/8	30'	Lin ft	CFS added to East side of AR MLV 26 ✓
5/3	Priority One Silt Fence	11606/00	11606/00	50'	Lin ft	used as upgrade from CFS on E/S @ MP 219.5
5/8	12" CFS (SOCK)	11762/00	11762/00	66'	Lin ft	Used for additional Controls for Feature @ MP 222.8
5/18	P1 SF	11169/03	11170/00	70'	Lin ft	used on AR 249.01
5/18	Curlex	10876/00	10890/00	100'	Lin ft	Curlex used for edge of KowCamp road crossing.
5/20	CWD	11229/19	11230/00	8150'	Lin ft	CWD used @ MLV 25 to contain run on.
5/22	Priority One Silt Fence	11748/58	11748/25	120'	Lin ft	Used Silt Fence as upgrade from CFS
5/22	Priority One Silt Fence	11790/00	11790/25	210'	Lin ft	Used Silt Fence for Karst feature @ 223.3
5/22	Priority One Silt Fence	11792/05	11792/75	175'	Lin ft	Used Silt Fence for Karst feature @ 223.34
5/22	Priority One Silt Fence	11796/10	11797/20	90'	Lin ft	Used Silt Fence for Karst feature @ 223.43
5/22	Priority One Silt Fence	11798/80	11799/10	160'	Lin ft	Used Silt Fence for Karst feature @ 223.47
5/22	Priority One Silt Fence	11827/40	11827/60	70'	Lin ft	Used Silt Fence for Karst Feature @ 224
5/22	Priority One Silt Fence	11826/70	11830/15	345'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11833/20	11829/80	390'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11844/00	11837/00	700'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11839/00	11838/50	50'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11813/50	11807/50	600'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11817/00	11814/00	300'	Lin ft	Used Silt Fence to replace diversion berm. Berm would create pond on Row if installed.
5/22	Priority One Silt Fence	11856/38	11855/00	138	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11860/00	11855/00	500'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11863/00	11861/00	200'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11864/50	11864/00	272'	Lin ft	Used Silt Fence as upgrade from 12" CFS @ Wetland P-KL2
5/22	Priority One Silt Fence	11867/50	11864/00	350'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11881/25	11871/00	1025'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority one Silt Fence	11880/25	11866/00	1,650'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11900/00	11896/25	325'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority one Silt Fence	11854/75	11849/00	575'	Lin ft	Used Silt Fence as upgrade from 12" CFS
5/22	Priority One Silt Fence	11853/30	11846/00	750'	Lin ft	Used Silt Fence as upgrade from 12" CFS

Additional Comments:

**MVP Environmental Redlines Form**

PROJECT NAME:	AFE:	SPREAD:
CONTRACTOR:		DATE:
INSPECTOR:		WEATHER:

Items installed IN ADDITION to E & S Drawings Instructions:

#	Line Item	Start Station	Stop Station	QTY	UOM	Reason for Usage
S121	P1 SF	11902+00	11919+00	1700'	Lin Ft	P-1 Used in place of 12" CFS
S122	P1 SF	11825+00	11829+00	500'	Lin Ft	P-1 Used in place of 12" CFS
S122	P1 SF	11834+00	11837+00	300'	Lin Ft	P-1 Used in place of 12" CFS
S122	P1 SF	11841+00	11842+50	100'	Lin Ft	P-1 Used in place of 12" CFS
S122	P1 SF	11847+00	11857+00	1000'	Lin Ft	P-1 Used in place of 12" CFS
S122	Triple stack 12" CFS	11862+50	11866+50	400'	Lin Ft	Triple stack CFS used in place of 18" CFS
S122	P1 SF	11875+50	11877+50	200'	Lin Ft	P1 Used in place of 12" CFS
S122	P1 SF	11880+00	11894+00	1100'	Lin Ft	P-1 Used in place of 12" CFS
S122	P1 SF	11880+50	11887+00	650'	Lin Ft	P-1 Used in place of 12" CFS
S122	RCE	11988+00	11988+80	3500"	SQFT	RCE Added to ROW Entrance off Catawba Rd
S123	Super Silt	11775+00	11780+00	450'	Lin Ft	Super silt in place of 18" CFS
S123	P-1 SF	11780+00	11782+50	250'	Lin Ft	P-1 used in place of 12" CFS
S123	Super Silt	11787+50	11768+00	100'	Lin ft	Super silt used in place of 12" CFS
S130	P1 Silt Fence	11726+00	11717+40	810	Lin ft	P-1 used in place of 12" CFS
S130	P1 Silt Fence	11706+85	11687+42	1943	Lin ft	P1 used in place of 12" CFS
S124	P1 Silt Fence	11940+00	11942+50	250'	Lin Ft	P1 Added to protect Karst
S125	Clean Water Diversion	11978+00	11978+00	2000	L.	Clean water diversion moved to capture water
S131	P1 Silt Fence	11732+00	11729+00	200	Lin ft	P1 used in place of 12" silt
S131	P1 Silt Fence	11732+00	11729+87	213	Lin Ft	P1 used in place of 12" silt
S131	P1 Silt Fence	11726+71	11717+20	951	Lin ft	P1 used in place of 12" silt
S131	P1 Silt Fence	11704+73	11704+10	63	Lin ft	P1 used in place of 12" silt
S131	P1 Silt Fence	11704+00	11695+00	900	Lin ft	P1 used in place of 12" silt
S131	Triple stack 12" CFS	11710+00	11706+00	305	Lin ft	Triple stack 12" in place of 18" silt
S131	P1 Silt Fence	11704+95	11704+90	285	Lin ft	P1 used in place of 12" silt
S131	Triple stack 12" CFS	11703+79	11700+00	379	Lin ft	Triple stack 12" in place of 18" silt
S131	P1 Silt Fence	11693+14	11692+00	114	Lin ft	P1 used in place of 12" silt
S131	Triple stack 12" CFS	11692+00	11690+67	133	Lin ft	Triple stack 12" in place of 18" silt
S129	3X18 FS	* 11977+00	11978+00	50	Lin ft	3X18 FS Behind P1 SF
6-1	P1 Silt Fence			800	Lin ft	P1 used in place of 12" silt
S-31	Curlex	1088374	1088380	70	sq ft	Curlex used for RCE
S-31	P1 Silt Fence	1088376	1088380	200'	Lin ft	P1 used in place of CFS
S-31	P1 Silt Fence	1116783	1116792	150'	Lin ft	AIR 249.01 P1 used for RCE
S-2	P1 Silt Fence	1122757	1122763	200'	Lin ft	MLV 25 - P1 for perimeter controls
S-2	Curlex	1122759	1122763	300'	Sq ft	Curlex used on CWD @ MLV 25
6-1	CFS	1160781	1160781	200'	Lin ft	CFS used for aquatic buffer
6-1	CFS	1161420	1161420	200'	Lin ft	CFS used for aquatic buffer
S-30	Curlex	11524+00	11524+10	175'	Sq ft	Curlex used @ stream crossing
6/14	RCE	* 11489+70	11489+70	70'	Lin ft	RCE used for road crossing @ Stevens Gap
6/19	RCE			150'	Lin ft	RCE moved @P Access 235
6/19	Straw Top Soil			300'	Lin ft	Strawed seedbed Top soil Piles Access 235
10/19	Straw Top Soil			750'	Lin ft	Strawed seedbed Top soil Access 236

Additional Comments:

**MVP Environmental Redlines Form**

PROJECT NAME:	AFE:	SPREAD:
CONTRACTOR:		DATE:
INSPECTOR:		WEATHER:

Items installed IN ADDITION to E & S Drawings Instructions:

#	Line Item	Start Station	Stop Station	QTY	UOM	Reason for Usage
6/20	Stabilization	1168247	11664707	1379	Lin ft	Topsail sample Stabilization
6/20	P1 replacement for 12" CFS	11380100	11390100	1205	Lin ft	P1 instead of 12" CFS
6/20	P1 SF	11380000	1138832	832'	Lin ft	P1 upgrade of 12" CFS
6/20	P1 SF	11370100	11371-23	125'	Lin ft	P1 upgrade of 12" CFS
6/21	P1 SF	11360000	11362355	355	Lin ft	P1 upgrade of 12" CFS
6/21	P1 SF	11340000	11346000	450'	Lin ft	P1 upgrade of 12" CFS
6/22	P1 SF	ATWS633	ATWS633	600'	Lin ft	P1 upgrade of 12" CFS
6/22	P1 SF	11320000	11330000	1000'	Lin ft	P1 upgrade of 12" CFS
6/22	P1 SF	11311-18	11320000	806'	Lin ft	P1 upgrade of 12" CFS
6/27	P1 SF	1129813	11320000	2180'	Lin ft	P1 upgrade of 12" CFS
6/27	P1 SF	1125752	11270000	1200'	Lin ft	P1 upgrade of 12" CFS
7/1	P1 SF	11550000	11460000	9000'	Lin ft	After stabilize soil pile per MS
7/2	Stabilize Soil Stockpile	11400100	1135367	4633	Lin ft	stabilize soil pile per MS
7/10	Stabilize Soil pile	256.02	256.02	2500	Lin ft	stabilize soil pile per MS
7/10	P1, 3X 18" SSF to protect Karst	11979100	1197750	150'	Lin ft	Protect Karst
7/10	3X 18" FS to protect Karst	11974100	11975750	150'	Lin ft	Protect Karst
7/10	3X 18" CFS Sock Checks	11950100	11951700	100'	Lin ft	Protect Karst
7/10	3X 18" CFS & Super SF	11950100	11945700	50'	Lin ft	Protect Karst
7/10	3X 18" CFS	11932100	11934100	200'	Lin ft	Upgrade From 12 CFS
7/10	3X 18" CFS, P1, Super silt fence	AR264	AR266	150'	Lin ft	Upgrade to protect Karst
7/11	3X 18" CFS, P1, Super silt fence	AR264	AR266	100'	Lin ft	Upgrade to protect Karst
7/10	3X 18" Triple sock	11146100	11196100	50'	Lin ft	Upgrade For no post on super silt
6/28	3T 18" CFS, SSF	11534100	1154100	300'	Lin ft	UPGRADE SUPER SILT FENCE
7/11	3T 18" CFS, SSF	11534100	1154100	300'	Lin ft	UPGRADE SUPER SILT
7/10	Triple 18" / SS	ATWS1147	ATWS1147	130'	Lin ft	extra controls for KARST
7/13	Triple 18" / SS	11317105	11318100	100'	Lin ft	extra controls for KARST
7/12	Triple 18" / SS	11315100	11316100	150'	Lin ft	extra controls for KARST
7/12	Triple 18" / SS	11467150	11469100	150'	Lin ft	extra controls for KARST
7/10	Triple 18" / SS	11131100	11130150	350'	Lin ft	extra controls for KARST
8/20	Triple 18" CFS & 18" CFS @ H	11323100	11323100	120'	Lin ft	controls for jump protection
7/13	Triple 18" CFS	10920100	10923100	300'	Lin ft	Upgrade perimeter control
8/16	Triple 12" CFS	10920100	10923100			Upgraded End treatments
8/7	Triple 12" CFS	10893100	10904100			Upgraded End treatments
8/7	Triple 12" CFS	10926100	10946100			Upgraded End treatments
8/8	Triple 12" CFS	10948100	10957100			Upgraded End treatments
8/8	Triple 12" CFS	10872100	10877100			Upgraded End treatments
8/9	Triple 12" CFS	10915100	10919100			Upgraded End treatments
8/9	Triple 12" CFS	108340100	10847100			Upgraded End treatments
9/7	Super Silt Fence	11350100	11350100	100'	Lin ft	SS added per Art Superintendent request
9/7	CFS	11350100	11350100	280'	Lin ft	"
9/19	Change from 12" CFS to P1 silt fence	11449100	11449150	200'	Lin ft	equivalent product

Additional Comments:

## MVP Environmental Redlines Form

**Additional Comments:**

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	<b>RAIN GAUGE DATA FOR MOUNTAIN VALLEY PIPELINE SPREAD G</b>													
2	Date	Catawba	Mt. Tabor	Craig Creek Road	258.01 / Steele Acres	MLV 25 / Wiinding Way	AR244	KOW CAMP #2	BUFFALO ANKLETS	AR 234	POCAHONTAS	LY 37	NOAA (37° 20' 20.76" -80° 37' 46.9194")	
3	MP	227.06	223.27	219.7	217.26	213.59	208.6	206.13	202.8	199	198	195.2	204	
4	5/7/2018	0.1		0.15							2.5		0.03	
5	5/8/2018		0.3	0.05							0.1	0.2	0.57	
6	5/11/2018		0.2					0.2			0.25	0.15	0.29	
7	5/16/2018	0.1			0.05						0.1	0.8	0.04	
8	5/17/2018	1.7	0.5		0.5						1.1		0.73	
9	5/18/2018	0.5	1.5		1.3			0.5			0.75	0.9	0.34	
10	5/19/2018	0.1		0.6	1.25			0.1			0.75	0.4	0.6	
11	5/20/2018												0.41	
12	5/21/2018				0.05						0.4			
13	5/22/2018		0.15		0.05						0.4		0.38	
14	5/23/2018	1	0.9	1	0.4	0.4		0.4					0.05	
15	5/26/2018											0.15		
16	5/27/2018	1	0.9										0.41	
17	5/28/2018												0.21	
18	5/29/2018	0.15	0.6	0.75	0.01			1.25			0.75	0.9	0.02	
19	5/30/2018	0.05			0.05						0.05			
20	5/31/2018											0.03		
21	6/1/2018		0.01	0.75	0.01				0.01		0.75		0.25	
22	6/2/2018	0.1	0.1	0.1	0.08				0.01		0.3	0.05		
23	6/3/2018												0.06	
24	6/4/2018								0.01		0.05			
25	6/9/2018		0.01									0.5	0.12	
26	6/11/2018	0.75	0.55	0.5	0.75							0.25		
27	6/12/2018		0.02		0.01				0.01				0.07	
28	6/14/2018			0.05	0.01				0.01			0.25		
29	6/20/2018		0.13	0.3	0.15	0.15		0.13						
30	6/21/2018		0.05	0.05	0.03				0.01			0.25	0.04	
31	6/22/2018	0.9		1	0.2							0.5	0.18	
32	6/23/2018		1	1	1	1						0.9		
33	6/25/2018			0.2					0.2		0.25			
34	6/26/2018	0.6	0.6	0.6	0.15	0.16		0.6	0.25		0.6	0.45		
35	6/27/2018				0.3						0.05			
36	6/28/2018			0.1	0.05						0.2	0.05		
37	7/3/2018			0.1					0.05					
38	7/6/2018		0.1	0.4					0.05		0.1	0.4		
39	7/7/2018	0.5	0.4	1	0.4			0.3			1	0.5		
40	7/16/2018		0.05	0.1	0.05				0.05			0.2	0.01	
41	7/17/2018		0.15		0.05				0.05					
42	7/18/2018			0.1				0.25	0.05		0.2		0.68	
43	7/21/2018			0.05		0.5			0.05				1.13	
44	7/22/2018	1.8												
45	7/23/2018	2.5	1.1	0.6	0.75	0.3		0	0.5		1	1	0.32	
46	7/24/2018	0.5	0.25	0.3	0.3						0.6	0.05	0.52	
47	7/25/2018	0.2		0.2	0.25	0.1			0.2		0.2	0	0.37	
48	7/26/2018	0.2	0.9	0.9	0.3	0.5			0.5		0.95	1.25	0.79	
49	7/30/2018	0	0		0	0		0	0.01		0.2		0.01	
50	7/31/2018	0.5	0.1		0.2	0.1		0.1	0.1		0.25		0.1	
51	8/1/2018	0.35	1	0.25	0.5	0.1		0.1	0.1		1.2		1.3	
52	8/2/2018	1.1		1.4	1	2		1.3	0.1		0.6		1.44	
53	8/3/2018	2.1	1.75	0.5	2	2		3.5	0.2		3.9		0.63	
54	8/4/2018	1.75	1.25	1.5		0.9		0	0		0.4		2.06	
55	8/7/2018	0	0.5	0.6	0.4	0		0	0		0		0.04	
56	8/8/2018	0	0.2		0.05	0.1		0	0				0.01	
57	8/11/2018	0.1	0.2	0.15	0.1	0.2		0.1	0.1		0.8	0.5	0.31	
58	8/13/2018	0.1	0.75	0.75	0.23	0.7		0.4	0.9		1.4	0.31	0.35	
59													0.02	
60	8/19/2018	0.4	0.75		1.25	0.9		0.9	Rain gauge damaged					
61	8/20/2018	0	2	1.5	0	0		0	Rain gauge damaged		1	1		
62	8/21/2018	0.1		0.15	0.05	0.2		0.5	0.2		0.1			
63	8/22/2018	0.25	0	0.1	0.25	0.4		0.4	0.4		0.5	0.5		
64	8/27/2018	0	0	0	0	0		0.1	0		0	0.02		
65	8/31/2018	0.75	0.9	1.25	0.75	0.1		0.3	0.5		0.3	2.5		
66	9/2/2018	0.05	0.2	0	0	0		0.05	0.3		0	0		
67	9/4/2018	0.75	0.25	0.1	0	0	New Gauge Placed	0	0	New Gauge Placed	0	0		
68	9/8/2018	0.75	0	0	0	0		0	0	0	0	0		
69	9/9/2018	0.5	1	0.75	0.5	1		0.5	0.75	1.8	1.85	2.6	0.9	
70	9/10/2018	0.25	0.5	0.4	0.5	0.5		0.5	0.6	0.5	0.5	0.5		
71	9/11/2018	0	1.1	0.1	0	0.05		0.05	0.1	0.2	0.25	0.4	0.25	
72	9/12/2018	0.25	0.2	0.4	0.6	0.5		0.75	0.1	0	0.1	0.1		
73	9/15/2018	0.4	0.3	0.3	0.4	0.15		0.05	0	0	0	0		
74	9/16/2018	0.3	0.25	0.3	0.2	0.2		0	0	0	0	0		
75	9/17/2018	1.9	2.1	2.5										

