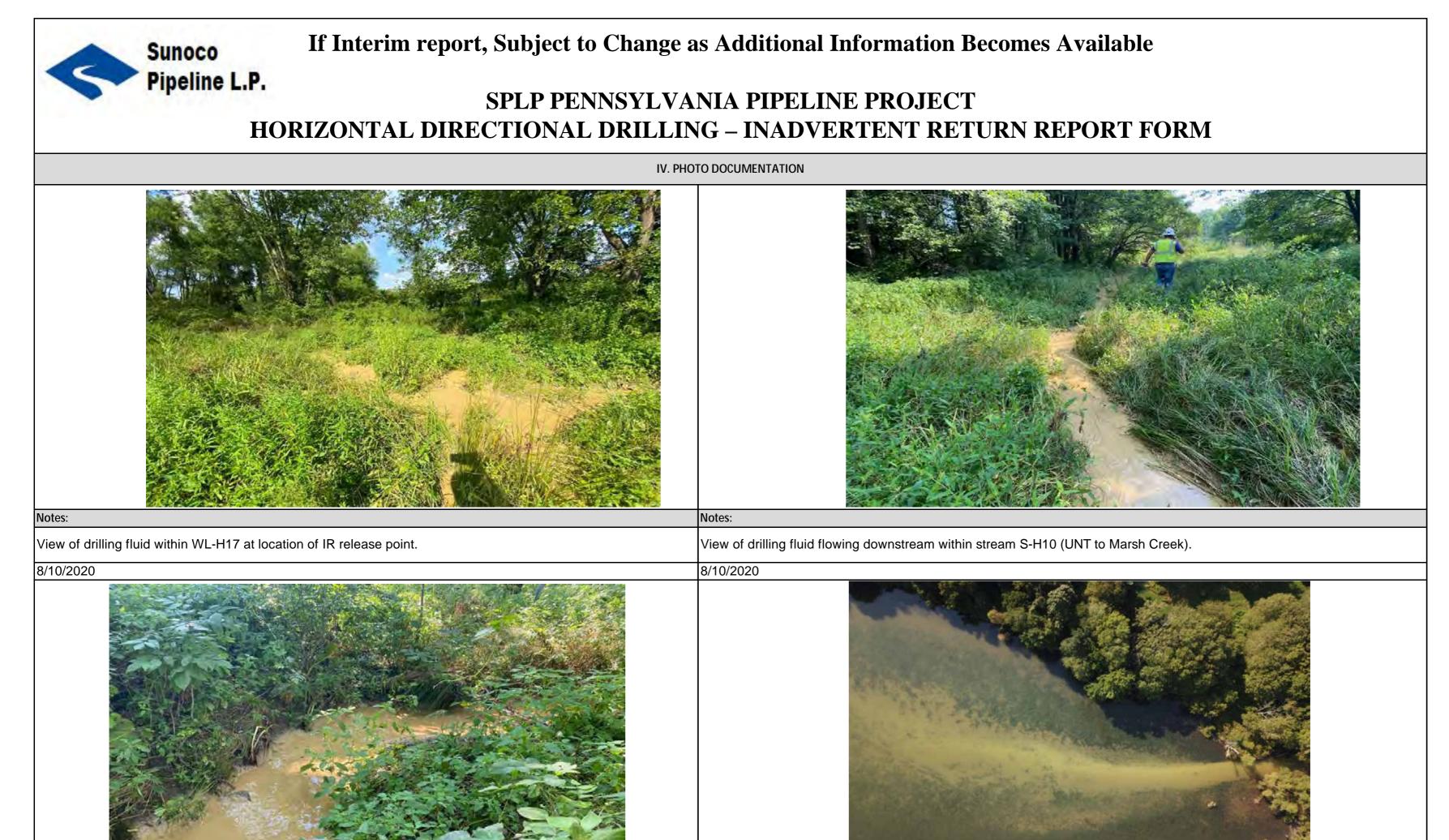
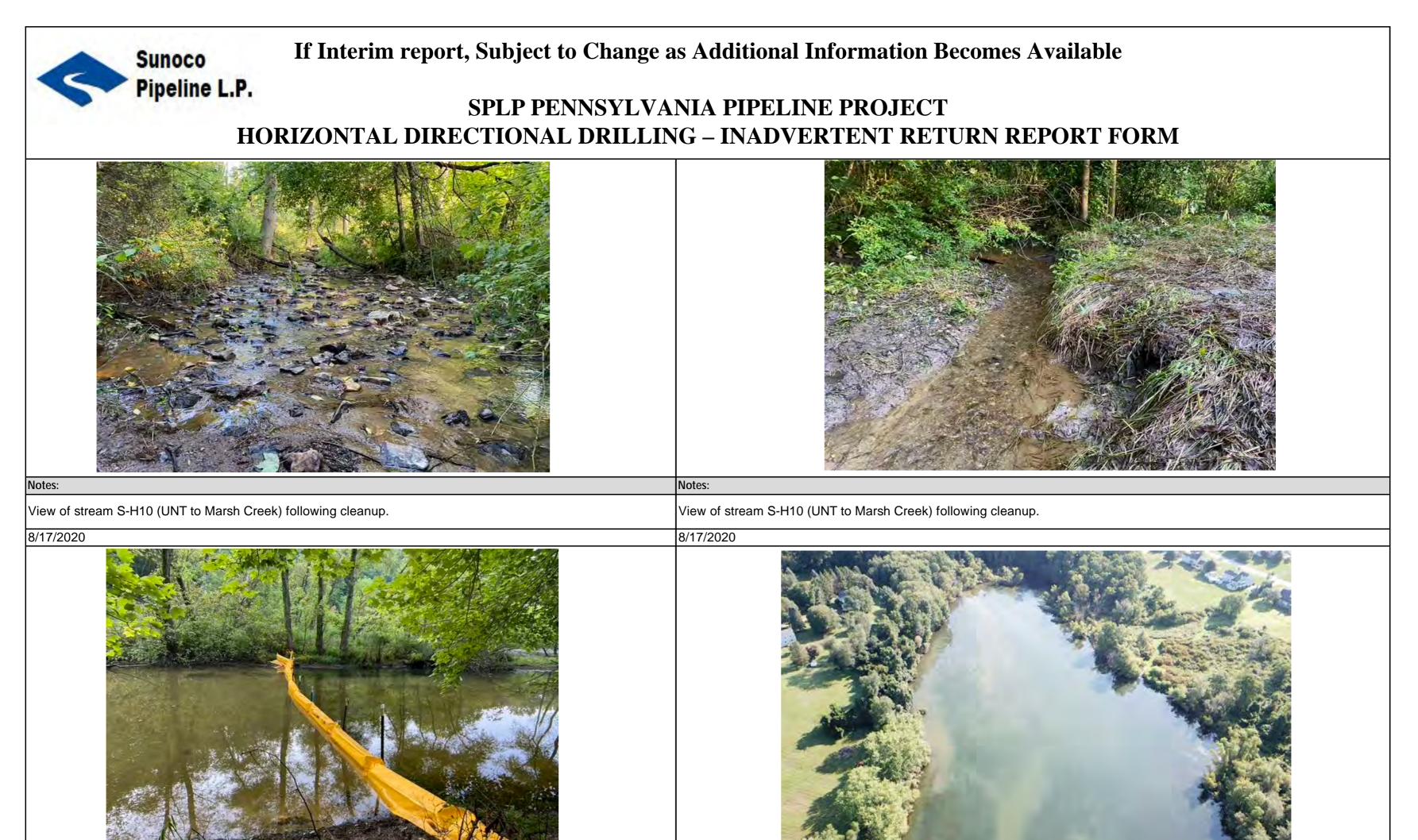
	Sunoco Pipeline L.P.	If Interim Rep	ort, this Report is cumulativ	e, containing i SPLP PENN	information from pre NSYLVANIA PIPEL	I Information Becomes Available evious reports in addition to new info INE PROJECT /ERTENT RETURN REPORT FOR						
<section-header></section-header>	IF INTERIM, SEE NOTE ABOVE.	NOTES:	Interim Report 2: On 8/10/2020 at approximately 1530 hours, drilling fluid emerged within wetland WL-H17, and entered streams S-H11 and S-H10. The drilling fluid continued to flow down S-H10 and entered pond H3 (Marsh Creek Reservoir). The drill was in the ream phase at the time of release, with a volume of 7,712 gallons of drilling fluid released (The initial notification of the inadvertent return was estimated to be 1,000 gallons. This estimate was provided by the onsite PG and was based on the surface dimensions of the emergence, approximately 10' x 20' and several inches deep. The number was revised after discussion with the driller and collection of survey data.). Drilling was immediately stopped upon discovery of the IR. Two turbidity curtains were installed at the confluence of S-H10 (UNT to Marsh Creek) and pond H3 (Marsh Creek Reservoir). Ten sand bag and silf fence dams were constructed within S-H10 (UNT to Marsh Creek). Crew members began clean up and recovery of the drilling fluid and transport it to onsite storage tanks. Stream water was pumped and used to spray remaining bentonite pockets within stream S-H10 (UNT to Marsh Creek). On 8/11/2020, a subsidence feature was discovered at the location of the inadvertent return, within wetland WL-H17. On 8/12/2020 the subsidence was filled with approximately 26 cubic yards of flowable fill. As of 8/17/2020, one containment dam remains within S-H10, the containment structure remains in place at the initial IR location, and two turbidity curtains remain at the confluence of stream S-H10 and pond H3. Drilling fluid has been recovered from WL-H17, S-H11 and S-H10. Additional survey is in progress to implement a recovery plan for drilling fluid within pond H3. No drilling is in process.									
REPORT DATE:	Current as of 8/24/2020)		HDD A	LIGNMENT #	PA-CH-100.0000-RD						
PROJECT SITE:	PPP 6 - S3-0290 - Milf	Ford Rd./Little Conestog	ga Rd	HDD	COMPANY:	MPANY: Michels Directional Crossing						
	AND TIME WHEN IF	R WAS INITIALLY I	DISCOVERED]	DATE:	8/10/2020	S/10/2020 TIME: 1530					
LOCATION: STREET427-423 Green Valley Rd, Downingtown, PA			19335	MUN	ICIPALITY:	Upper Uwchlan	COUNTY:	Chester				
LATITUDE:	40.0794	LONGITUDE:	-75.7104		A STATION:	14824+00	TO STATION	14824+00				
	S-H10 (UNT to Marsh	Creek), S-H11 (UNT t	o Marsh Creek)	POND /	LAKE NAME:	Pond H3 (Marsh Creek Reservoir)	WETLAND NAME:	WL-H17 (PEM, PFO)				
DEP PERMIT Nos. (102 AND 105)	E&S Permit # ESG010	0015001, Water Obstru	uction Permit E15-862									
CORPS PERMIT NO.	PASPGP-5 (issued Apr	ril 12, 2017)										
IR TRACKING ID:	PPP6_PA-CH-0100.00	00-RD_MilfordRd_IR	Interim_02_082520									
IS AUGUST 8, 2017 ORDER APPLICABLE?	YES	LISTED IN WHICH EXHIBIT?	3	3 DESCRIPTION IN EXHIBIT HDDs for Reevaluation								
			COMI	PLETE THE F	FOLLOWING QUES	STIONS IF APPLICABLE:						
1. IS THE IR ON-GO of all IRs.	OING? Provide dates,	, times, and duration	NO	NOTE: On 8/10/20 at approximately 1530 hours, approximately 7,712 gallons of drilling fluid emerged within WL-H17, and and S-H10. The drilling fluid continued to flow down S-H10 and entered pond H3 (Marsh Creek Reservoir). The IR drilling was stopped.								
2. HAS THE IR CEA	ASED? Provide date a	and time for each IR.	YES	NOTE:	On 8/10/20 at approximately 1530 hours, approximately 7,712 gallons of drilling fluid emerged within WL-H17, and entered streams S-H1 and S-H10. The drilling fluid continued to flow down S-H10 and entered pond H3 (Marsh Creek Reservoir). The IR ceased emerging after drilling was stopped.							
8. WHEN WAS DRI ime for each IR.	ILLING STOPPED? I	Provide date and	Drilling was immediately stopped on 8/10/2020 at approximately 1530 hours.									
	(CURRENT ESTIMA		Approximately 7,712 gallons									
4A. DOES THIS VOLUME RELEASE REPRESENT A TOTAL VOLUME RELEASED SINCE THE RELEASE BEGAN?			YES	NOTE:	E: Approximately 7,712 gallons of drilling fluid emerged on 8/10/2020.							
5. HAS THIS VOLUME CHANGED SINCE THE LAST REPORT? IF SO, HOW?			NO	NOTE:	č: 							
6. WHAT IS THE DURATION OF EACH IR? Provide dates and times.			The IR ceased emerging on 8/10/2020 at 1530 hours after the IR was discovered and drilling was stopped.									
7. WHAT STEPS WERE TAKEN TO STOP EACH IR? Provide dates and times.			Two turbidity curtains were installed at the confluence of S-H10 (UNT to Marsh Creek) and pond H3 (Marsh Creek Reservoir). Ten sand bag and silt fence dams were constructed within S-H10 (UNT to Marsh Creek). Crew members began clean up and recovery of the drilling fluid starting at the location of the IR release point working their way towards pond H3 (Marsh Creek Reservoir). Crew members used pumps and hand tools to recover the drilling fluid and transport it to onsite storage tanks. Stream water was pumped and used to spray remaining bentonite pockets within stream S-H10 (UNT to Marsh Creek).									
8. WHAT REVISIONS TO THE DRILLING WERE IMPLEMENTED PRIOR TO EACH RESUMPTION OF DRILLING? Provide dates and times.												
Ba. What was the tec	chnical basis for resum	ing drilling?										
9. WAS THE DRILI and duration for eac	LING RESUMED? Pr ch IR.	rovide dates, times,	NO	NOTE:								
9A. IF SO, HAS AN dates and times for e	OTHER IR OCCURR each IR.	ED? If YES, provide	NO	NOTE:								
10. HAS IR BEEN C times, and measures	CONTAINED? If YES, for each IR.	, Provide dates,	YES	NOTE:	Two turbidity curtains were installed at the confluence of S-H10 (UNT to Marsh Creek) and pond H3 (Marsh Creek Reservoir). Ten sand and silt fence dams were constructed within S-H10 (UNT to Marsh Creek) on 8/10/2020.							
11. HAS A FISH KII times, and measures	LL OCCURRED? If Y for each IR.	ES, Provide dates,	NO	NOTE:								
12. ARE FISH AND DISTRESS?	OR OTHER AQUAT	TIC LIFE IN	NO	NOTE:								
FLUID REMAIN IN WATERCOURSE?		R 	YES	NOTE:	Drilling fluid remain	s in pond H3 (Marsh Creek Reservoir)						
	ICEABLE HIGH LEV IE WATERCOURSE? ration for each IR.		YES	NOTE:	E: Drilling fluid remains in pond H3 (Marsh Creek Reservoir)							
	SS OCCURRED? (IF) , and duration for each	, , ,	YES	NOTE:	500 gallon loss on 3/	3/2020.						
	MEASURES IMPLEM FED ABOVE? Provide											

17. DESCRIPTION OF IMPACTS INCLUDING TIMES, DATES, AND DURATION OF EACH IMPACT.	Drilling fluid emerged within wetland WL-H17, and entered streams S-H11 and S-H10. The drilling fluid continued to flow down S-H10 and entered pond H3 (Marsh Creek Reservoir) on 8/10/20.

LIST AN	NY NOTIFICATIONS OF INCIDENT MA	DE TO WATER INTAKES,	, WATER WE	LL OWNERS AN	ND LANDOWNER	S, INCLUDIN	G DATE AN	D TIME WHEN EACH N	OTIFICATION OCCURRED:
NAME:	2 Private Well Owners	DATE:	8/11/2020	TIME:		PUBLIC OR PRIVATE:	Private	NOTE:	Letters sent.
NAME:	1 Public Water Supply	DATE:	8/10/2020	TIME:	1625	PUBLIC OR PRIVATE:	Public	NOTE:	Informed of release on 8/10, letter sent o 8/11.
NAME:		DATE:		TIME:		PUBLIC OR PRIVATE:		NOTE:	
NAME:		DATE:		TIME:		PUBLIC OR PRIVATE:		NOTE:	
NAME:		DATE:		TIME:		PUBLIC OR PRIVATE:		NOTE:	
NAME:		DATE:		TIME:		PUBLIC OR PRIVATE:		NOTE:	
NAME:		DATE:		TIME:		PUBLIC OR PRIVATE:		NOTE:	
	NAN	ME OF ALL PERSON(S) PF	ROVIDING IN	FORMATION F	OR THIS REPORT		ACT INFOR	MATION	
NAME:	Josh Prosceno	PHONE:	570-336-9606		EMAIL:	josh.prosceno@	etetratech.con	n TITLE:	LEI
NAME:	Chris Cable	PHONE:	518-533-9847		EMAIL:	chris.cable@te	tratech.com	TITLE:	Environmental Inspection Manager
NAME:		PHONE:			EMAIL: TITL			TITLE:	
NAME:		PHONE:			EMAIL:		TITLE:		
NAME:		PHONE:			EMAIL:			TITLE:	
			Ι	MPACTED RESO	OURCE(S)				
RESOURCE:	WETLAND WL-H17	SURFACE WATER CLASSIFICATION OR WETLAND TYPE:	PI	EM/PFO	WHAT STEPS I ELIMINATE O IMPACTS?	R MITIGATE T	HE	Drilling fluid recovered u	ntainment constructed at release point. sing hand tools and pumps.
RESOURCE:		SURFACE WATER CLASSIFICATION OR WETLAND TYPE:	DRAINS TO HQ-TSF			WHAT STEPS HAVE BEEN TAKEN TO ELIMINATE OR MITIGATE THE IMPACTS?		Sandbag and silt fence containments constructed within stream. Drilling fluid recovered using hand tools and pumps.	
RESOURCE:	STREAM S-H11	SURFACE WATER CLASSIFICATION OR WETLAND TYPE:			STOHQ-TSF WHAT STEPS HAVE BEEN TAKEN TO ELIMINATE OR MITIGATE THE IMPACTS? Sandbag and silt fence containments cor Drilling fluid recovered using hand tools				sing hand tools and pumps.
RESOURCE:	POND H3	SURFACE WATER CLASSIFICATION OR WETLAND TYPE:	H	IQ-TSF				•	ere installed at the confluence of S-H10 and
RESOURCE:		SURFACE WATER CLASSIFICATION OR WETLAND TYPE:		WHAT STEPS HAVE BEEN TAKEN TO ELIMINATE OR MITIGATE THE IMPACTS?					
RESOURCE:		SURFACE WATER CLASSIFICATION OR WETLAND TYPE:		WHAT STEPS HAVE BEEN TAKEN TO ELIMINATE OR MITIGATE THE IMPACTS?					
RESOURCE:		SURFACE WATER CLASSIFICATION OR WETLAND TYPE:			WHAT STEPS I ELIMINATE OF IMPACTS?				
			AD	DITIONAL INFO					
	SUMED DOES IT INVOLVE A CHANGE IENT, DEPTH OR ALIGNMENT?	NO	NOTE:						
PUBLIC OR PRIVA	ATE WATER SUPPLY - PROXIMITY TO STREAM WATER INTAKES?		NOTE:						
PROXIMITY TO PUBLIC OR PRIVATE WATER		YES	NOTE:						
	UPPLIES AND WELLS? SCRIBE MATERIAL(S) RELEASED:	A mixture of bentonite clay as	nd water with na	ative cuttings					
	ATED QUANTITY OF THE RELEASE	YES	NOTE:	Approximately 7,	712 gallons of drillin	ng fluid emerged	on 8/10/2020). 🗌	
	CE THE LAST REPORT? IF SO, HOW?	8/10/2020 - 25'x25' at initial	IR release locat	tion					
``	AR FEET/MILES) OF DOWNSTREAM	IR traveled approximately 1.8	300 feet downstr	ream from S-H10 (UNT to Marsh Cree	k) into pond H3	(Marsh Creel	k Reservoir). Extent into po	nd H3 (Marsh Creek Reservoir) unknown.
	GE OF RELEASE, IF ANY				, 	·		, Po	
OTHER COMMEN	NTS: NOTE ANY MATERIAL CHANGE								
				–	•				10. Two turbidity curtains installed at the
REMEDIATED	D? Please provide date of remediation.	confluence of S-H10 and pone	d H3. Drilling f	fluid recovered usin	ng hand tools and pu	mps. As of 8/24	/2020, drillin	g fluid remains in pond H3.	
		PRINTED NAME, T	TITLE AND SI	GNATURE OF F			REPORT		
NAME:	Chris Cable TITLE:	Environmental Inspection Ma	nager	SIGNATURE	: Christophe	ng Cable	DATE:	8/25/2020	
				PADEP USE (ONLY				
AUTHORIZATION	N FROM PADEP OR CCD TO RESUME HDD REQUIRED?		NOTE:						
PE	ERMIT AMENDMENT?		NOTE:						
PADEP	P / CCD REVIEWER NAME:			DATE:					



Notes:	Notes:					
View of drilling fluid within stream S-H10 (UNT to Marsh Creek).	View of drilling fluid entering pond H3 (Marsh Creek Reservoir).					
8/10/2020	8/10/2020					
<image/> <image/>	<image/>					
View of contractor crew members installing two turbidity curtains at the confluence of stream S-H10 (UNT to	View of IR release location within WL-H17.					
Marsh Creek) and pond H3 (Marsh Creek Reservoir).						
Notes:	Notes: View of stream S-H10 (UNIT to Marsh Crook) following cleanup					
View of sandbag containment within S-H10 (UNT to Marsh Creek).	View of stream S-H10 (UNT to Marsh Creek) following cleanup.					
8/17/2020	8/17/2020					



Notes:	Notes:						
View of turbidity curtain at the confluence of stream S-H10 (UNT to Marsh Creek) and pond H3 (Marsh Creek	View of pond H3 (Marsh Creek Reservoir).						
Reservoir). 8/17/2020	8/17/2020						
Notes: View of IR release location within WL-H17.	Notes: View of turbidity curtain at the confluence of stream S-H10 (UNT to Marsh Creek) and pond H3 (Marsh Creek Reservoir).						
8/22/2020	8/22/2020						
Notes:	Notes:						
View of pond H3 (Marsh Creek Reservoir).	View of stream S-H10 (UNT to Marsh Creek)						
8/24/2020	8/24/2020						
	ATURE OF PERSON(s) COMPLETING THIS REPORT						
NAME: Chris Cable TITLE: Environmental Inspection Manager	SIGNATURE: Christopherflable DATE: 8/25/2020						

