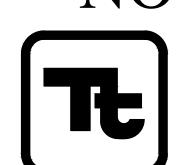


POST CONSTRUCTION STORMWATER MANAGEMENT PLAN PENNSYLVANIA PIPELINE PROJECT- BECKERSVILLE STATION BRECKNOCK TOWNSHIP, BERKS COUNTY PENNSYLVANIA NOVEMBER 2016



TETRA TECH

www.tetratech.com

1134 TWIN STACKS DRIVE DALLAS, PA 18612 T: (570) 674-8648 | F: (570) 674-8651 DATE: NOVEMBER 21, 2016 COVER SHEET 1 OF 11 REVISION #1 - 4.22.16 REVISION #2 - 5.13.16 REVISION #3 - 7.01.16 REVISION #4 - 10.18.16 REVISION #5 - 2.6.17

PREPARED BY:

DRAWING INDEX

	SHEET No.	DRAWING TITLE				
	1	COVER SHEET AND NOTES				
RICT.	2	OVERALL SITE PLAN				
	3	PROPOSED CONDITIONS PLAN				
	4	PRE-POST DEVELOPED D.A. PLAN				
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	7	CONSTRUCTION DETAILS				
	8	CONSTRUCTION DETAI				

2/6/2017 DATE

PREPARED FOR: SUNOCO PIPELINE L.P. 525 FRITZTOWN ROAD SINKING SPRING, PENNSYLVANIA 19608 610-670-3200

GENERAL NOTES

SUNOCO PIPELINE, LP 525 FRITZTOWN ROAD SINKING SPRING, PA. 19608 610-670-3200 2. CURRENT TAX IDENTIFICATION #: 34-5302-02-56-2952 INSTRUMENT #2014027505, RECORDED 8-25-2014

3. PUBLIC SEWER AND WATER WILL NOT BE PROVIDED. THE FACILITY IS UNMANNED.

4. EXISTING CONTOURS AND FEATURES COMPILED FROM WWW.PASDA.PSU.EDU. EXISTING CONTOURS ARE BASED ON NAVD 88 DATUM.

5. NO PORTION OF THE SITE LIES WITHIN ANY 100 YEAR FLOOD ZONES,

6. THERE ARE NO WETLANDS WITHIN THE DISTURBED AREA OF THE SITE.

7. THE ASSOCIATED STORM WATER MANAGEMENT REPORT FOR THIS PROJECT IS TITLED: EROSION AND SEDIMENTATION CONTROL PLAN

PENNSYLVANIA PIPELINE PROJECT

BECKERSVILLE STATION EXPANSION ACTIVITIES

BRECKNOCK TOWNSHIP BERKS COUNTY, PA

MARCH, 2016

8. THE SITE LIES WITHIN A 50% RELEASE RATE DISTRICT OF THE CONESTOGA RIVER

9. UN-NAMED TRIBUTARY TO MUDDY CREEK IS LISTED AS "HQ-TSF" UNDER CHAPTER 93. 10. THE PADOT DRIVEWAY HOP NO. 05048641 WAS ISSUED ON 7/17/2014.

11. SUNOCO LOGISTICS PARTNERS, LP WILL BE RESPONSIBLE FOR PERMANENT INSPECTION AND MAINTENANCE OF ALL STORMWATER MANAGEMENT FACILITIES.

12. BRECKNOCK TOWNSHIP AND ITS AUTHORIZED AGENTS HAVE THE RIGHT, BUT NOT THE DUTY TO ENTER THE PROPERTY TO PERFORM INSPECTIONS OF STORMWATER FACILITIES ACCESS AND INSPECTIONS WITHIN THE SECURED AREA CAN ONLY BE COMPLETED WITH AUTHORIZED REPRESENTATIVES OF THE PROPERTY OWNER.

13. THE EXISTING WELL AND SEPTIC SYSTEM ON THE PARCEL WILL BE ABANDONED IN ACCORDANCE WITH DEP AND TOWNSHIP REGULATIONS, IF THE BUILDING IS DEMOLISHED. 14. SITE LIGHTING WILL BE ACCOMPLISHED WITH POLE MOUNTED FIXTURES. LIGHTS WILL REMAIN IN THE "OFF" POSITION UNLESS NIGHTTIME WORK IS ANTICIPATED.

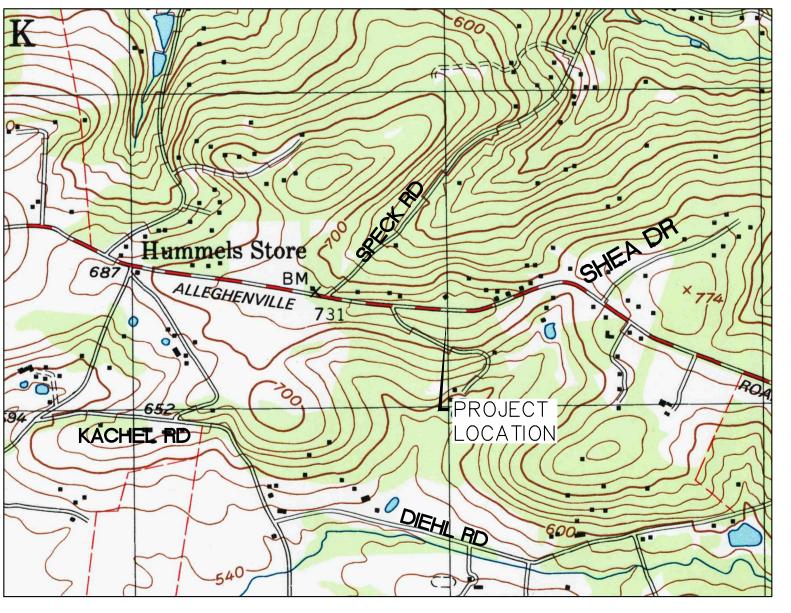
16. IT IS REQUIRED BY BRECKNOCK TOWNSHIP THAT ALL SITE LIGHTING SHALL REMAIN IN THE OFF MODE DURING ALL NIGHT TIME HOURS. THE SITE LIGHTING SHALL BE DESIGNED TO BE MANUALLY OPERATED BY SUNOCO PERSONNEL ONLY WHEN NECESSARY DURING NIGHT TIME HOURS OF OPERATION WHEN SUNOCO PERSONNEL ARE ON-SITE. 17. LADDER RUNGS SHALL BE PROVIDED FOR ALL STORM SEWER INLETS AND MANHOLES

18. ALL STORM MANHOLES SHALL HAVE THE WORD "STORM" CAST ON THE TOP MANHOLE COVER.

CALL BEFORE YOU DIG! PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND 10 WORKING DAYS IN DESIGN STAGE - STOP CALL Pennsylvania One Call System, Inc.

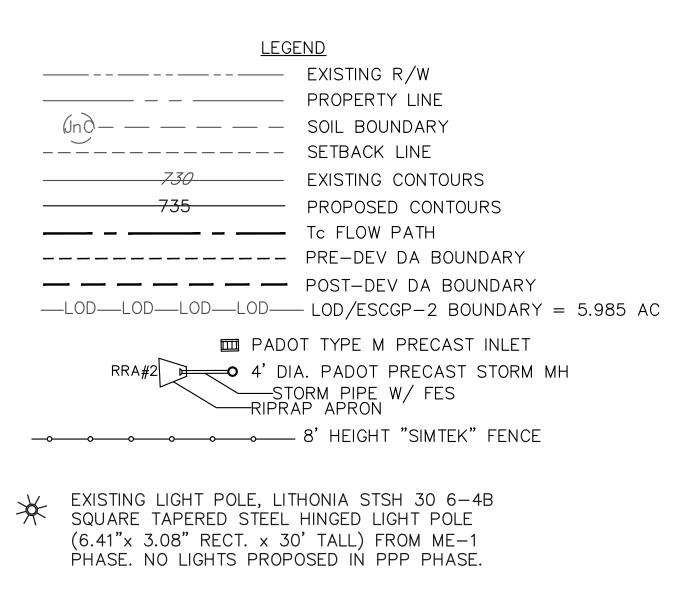


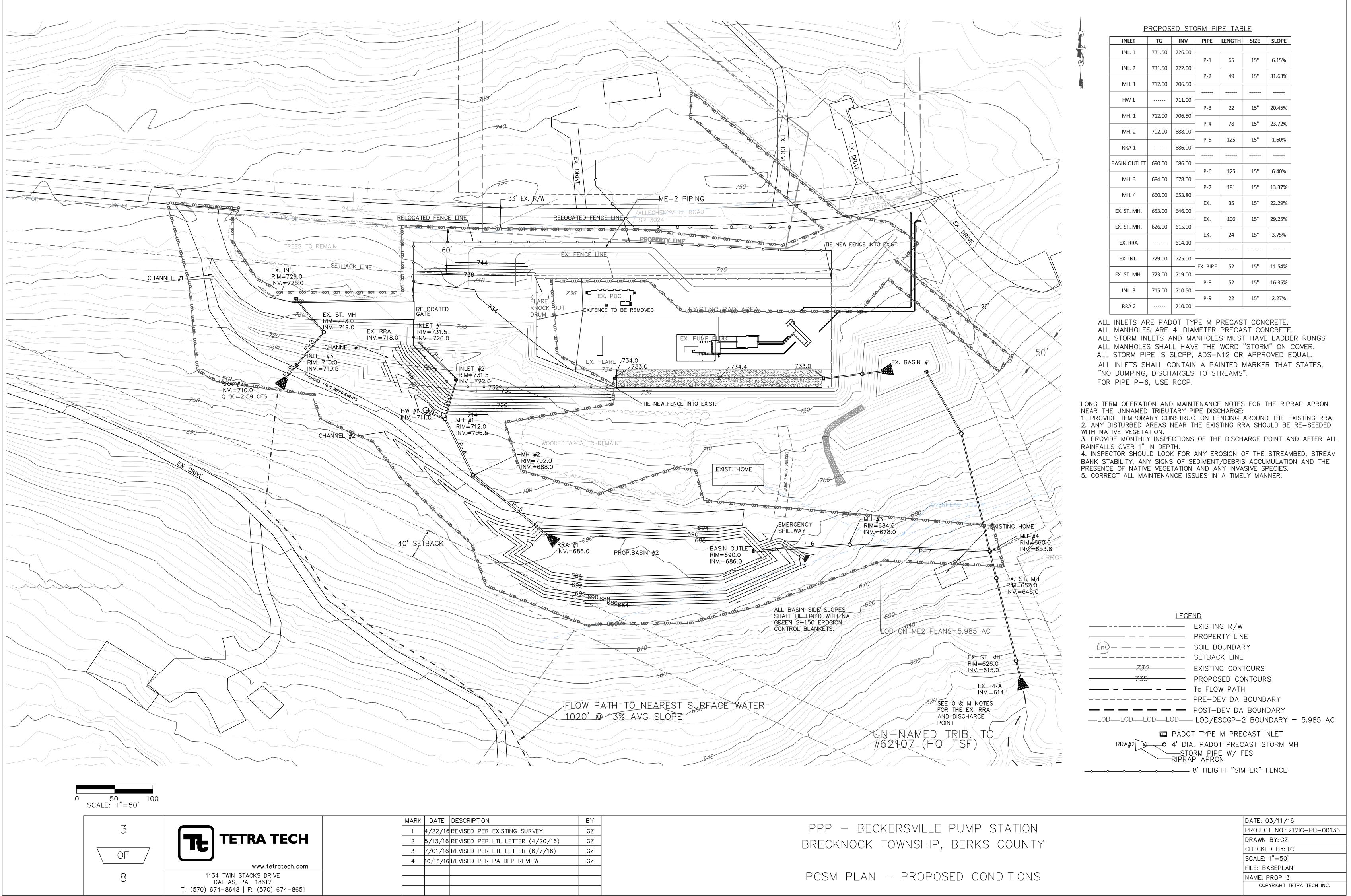
1-800-242-1776



LOCATION MAP BECKERSVILLE STATION MORGANTOWN QUADRANGLE BRECKNOCK TOWNSHIP, BERKS COUNTY, PENNSYLVANIA

> 1000 2000 SCALE IN FEET SCALE: 1"=1000'





RIPTION	ΒY
ED PER EXISTING SURVEY	GΖ
ED PER LTL LETTER (4/20/16)	GΖ
ED PER LTL LETTER (6/7/16)	GZ
ED PER PA DEP REVIEW	GZ

PROPOSED STORM PIPE TABLE										
INLET	TG	INV	PIPE	LENGTH	SIZE	SLOPE				
INL. 1	731.50	726.00			451	6.450(
INL. 2	731.50	722.00	P-1	65	15"	6.15%				
MH. 1	712.00	706.50	P-2	49	15"	31.63%				
HW 1		711.00	P-3	22	15"	20.45%				
MH. 1	712.00	706.50	P-4	78	15"	23.72%				
MH. 2	702.00	688.00	P-5	125	15"	1.60%				
RRA 1		686.00		125	12	1.00%				
BASIN OUTLET	690.00	686.00	·							
MH. 3	684.00	678.00	P-6	125	15"	6.40%				
			P-7	181	15"	13.37%				
MH. 4	660.00	653.80	EX.	35	15"	22.29%				
EX. ST. MH.	653.00	646.00	EX.	106	15"	29.25%				
EX. ST. MH.	626.00	615.00								
EX. RRA		614.10	EX.	24	15"	3.75%				
EX. INL.	729.00	725.00								
			EX. PIPE	52	15"	11.54%				
EX. ST. MH.	723.00	719.00	P-8	52	15"	16.35%				
INL. 3	715.00	710.50	P-9	22	15"	2.27%				
RRA 2		710.00								