

THROOP BOROUGH COUNCIL  
THROOP, PENNSYLVANIA

IN RE: PUBLIC HEARING

October 25, 2022  
5:30 p.m.  
Throop Borough Building  
436 Sanderson Street  
Throop, PA 18512

APPEARANCES:

RICHARD KUCHARSKI, COUNCIL PRESIDENT  
BOB MAGLIOCCHI, COUNCIL VICE PRESIDENT  
MATTHEW CHORBA, COUNCIL MEMBER  
WAYNE WILLIAMS, COUNCIL MEMBER  
ANTHONY GANGEMI, COUNCIL MEMBER  
VINCE TANANA, COUNCIL MEMBER  
LOUIS A. CIMINI, ESQUIRE, SOLICITOR/BOROUGH MANAGER  
JOSEPH TROPIAK, MAYOR  
ROBIN GALLI, CHIEF CLERK/TREASURER

MOLLIE GILL, RPR  
COURT REPORTER

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MR. KUCHARSKI: We're here for the MS4 public hearing.

MR. KALINOSKI: Good evening. My name is Robert Kalinoski. I'm the street commissioner for the Borough. We're here this evening to hold a public hearing on Throop's Pollution Reduction Plan amendment.

Stormwater runoff in the Borough is tributary to the Lackawanna River, which, in turn, is tributary to the Susquehanna River, which ultimately discharges to the Chesapeake Bay. Since the municipality is located within the watershed of the Chesapeake Bay, it is required to meet the pollution reduction requirements for discharges to surface waters within that watershed. As part of Throop's 2018 stormwater permit renewal, the Borough prepared a Pollution Reduction Plan or PRP. The PRP was approved as part of the permit renewal by DEP in 2018.

The Borough of Throop discharges stormwater to stream systems that are ultimately tributary to the Chesapeake Bay. There are no streams within Throop Borough

1 that are classified as impaired waters for  
2 nutrients or sediments. There are no waste  
3 load allocations nor total maximum daily  
4 load plans for the receiving water courses.  
5 The pollution reduction requirement for the  
6 Borough is the sediment reductions for  
7 discharges to the Chesapeake bay watershed.

8 The total required sediment  
9 reduction for Throop was determined by  
10 calculating the total drainage area within  
11 the urbanized area, parsing out lands that  
12 have separate permit coverage and areas that  
13 bypass the MS4 system. Using the statewide  
14 MS4 land cover estimates, the total  
15 impervious and pervious areas in the  
16 drainage areas were estimated. The  
17 simplified method, using Pennsylvania DEP's  
18 developed land loading rates for  
19 Pennsylvania counties in their PRP  
20 instructions, was utilized to determine the  
21 existing pollutant loading. The pollutant  
22 loading was determined to be 612,038.7  
23 pounds per year.

24 The pollutant load reduction  
25 realized from the existing BMP's put in

1 place by the Borough was determined to be  
2 22,817.9 pounds per year. This amount was  
3 subtracted from the existing load, and the  
4 adjusted pollutant load is 589,220.8 pounds  
5 per year. For the 2018 to 2023 permit  
6 cycle, the required pollutant load reduction  
7 is 10 percent of the adjusted pollutant load  
8 or 58,922.1 pounds per year.

9 The approved pollution reduction  
10 plan from 2018 proposed several different  
11 types of BMP's to achieve the 10 percent  
12 sediment reduction: One was catch basin  
13 cleaning and annual leaf litter collection;  
14 two was the Sulphur Creek Stream Restoration  
15 project; and three was conversion of  
16 existing detention basins to dry extended  
17 detention basins.

18 Catch basin cleaning and annual leaf  
19 litter collection provided more than the  
20 required sediment removal, however, the  
21 Pennsylvania Department of Environmental  
22 Protection BMP Effectiveness Values Chart  
23 limits storm sewer systems solids removal  
24 credits to 50 percent of the total sediment  
25 reduction requirement. Therefore, the

1 maximum sediment reduction that can be  
2 realized through storm sewer system solids  
3 removal is 29,461.1 pounds per year.

4 To achieve the remaining reduction  
5 of 29,461 pounds per year, or the additional  
6 50 percent, Throop proposed to use the  
7 planned Sulphur Creek Stream Restoration  
8 project. The approved 2018 PRP discussed  
9 two options for this credit. Option one was  
10 the completion of the Sulphur Creek Stream  
11 Restoration project without the state's  
12 Growing Greener grant. Option two included  
13 the alternate BMP's if the grant was not  
14 received, including the conversion of two  
15 existing dry detention basins to dry  
16 extended detention basins for the existing  
17 basins in the Tiffany Estates and Schoolside  
18 Estates developments.

19 It should be noted that the approved  
20 PRP assumed that if the state supplied the  
21 funding of the stream restoration project  
22 for Sulphur Creek, that the state was also  
23 entitled to any pollution reduction credits  
24 that may result from the state-funded  
25 project. As discussed in the meeting held

1 with DEP representative Paul Grella, on the  
2 29th of June of this year, the Borough is  
3 eligible to claim all credit from the stream  
4 restoration project.

5 As previously described, the Borough  
6 intends to meet the pollution reduction  
7 requirements using catch basin cleaning and  
8 the Sulphur Creek Stream Restoration  
9 project. The Sulphur Creek Stream  
10 Restoration Project was included on Throop  
11 Borough's list of priority projects due to  
12 the condition of the water course. Sulphur  
13 Creek consistently had large amounts of  
14 sediment buildup, reducing the capacity of  
15 the stream. The stream is normally a dry  
16 channel. During storm events, the stream is  
17 inundated with stormwater runoff of  
18 significant rate and volume in a relatively  
19 short period of time causing erosion of the  
20 channel. Plans for stream stabilization  
21 were submitted and approved by Pennsylvania  
22 Department of Environmental Protection on  
23 February 13th, 2020 by permit E35-473 and  
24 subsequently the Army Corps of Engineers.

25 The PRP amendment proposes a

1 pollution reduction loading of 75,757 pounds  
2 per year based upon 1688 lineal feet of  
3 restoration using an effectiveness value of  
4 44.88 pounds per foot per year. As  
5 discussed in the meeting held on June 29th  
6 between the Borough and Pennsylvania  
7 Department of Environmental Protection, the  
8 Borough is eligible to claim all credit from  
9 the stream restoration project. Areas that  
10 include rip-rap armoring are not eligible  
11 for credit, and where armoring is present on  
12 one side of the water course, only half of  
13 the 44.88 pounds per foot per year could be  
14 applied.

15 From station 0+00 to station 9+25,  
16 and from station 10+10 to station 12+00,  
17 both sides of the water course are eligible.  
18 However, from station 9+25 to station 10+10,  
19 and from station 12+00 to station 12+40,  
20 only one side of the water course is  
21 eligible. The total effective length of  
22 eligible water course stream bank  
23 restoration is 1177.5 feet. This results in  
24 a total pollutant load reduction of 52,846.2  
25 pounds per year.

1 This amendment will modify the  
2 previously approved Pollution Reduction Plan  
3 approved as part of Throop Borough's 2018  
4 MS4 permit approval. Storm sewer system  
5 solids removal credits will be utilized for  
6 the 50 percent maximum allowed by  
7 Pennsylvania Department of Environmental  
8 Protection for the total sediment reduction  
9 requirement. To achieve the remaining  
10 reduction of 29,461 pounds per year, Throop  
11 is proposing to use the planned Sulphur  
12 Creek Stream Restoration project to achieve  
13 compliance. The required 10 percent  
14 sediment reduction for the areas tributary  
15 to the Chesapeake Bay, assumed to also  
16 result in 5 percent total phosphorus  
17 reduction and a 3 percent total nitrogen  
18 reduction, can be achieved using the stream  
19 restoration credits proposed in the  
20 Pollution Reduction Plan amendment as  
21 discussed this evening. The stream  
22 restoration project meets the requirements  
23 of applicable guidance and Pennsylvania  
24 Department of Environmental Protection's  
25 requirements. To summarize, the total



1 required sediment reduction for Throop  
2 Borough is 58,922.1 pounds per year. The  
3 storm system solids removal provides a  
4 pollutant reduction of 29,461.1 pounds per  
5 year, and the Sulfur Creek Stream  
6 Restoration project provides a total  
7 reduction of 52,846.2 pounds per year.  
8 Together, the total sediment reduction is  
9 82,307.3 pounds per year for the Borough.

10 With the completion of the proposed  
11 BMP's within the tributary area of the  
12 Chesapeake Bay, and Pennsylvania Department  
13 of Environmental Protection's approval of  
14 this amendment, the Borough will meet the  
15 requirements of their approved MS-4 permit  
16 and associated pollution reduction report.  
17 The Sulphur Creek Restoration project and  
18 the storm sewer system solid removal  
19 activities are complete and documented as of  
20 today's hearing. In addition, there is a  
21 total sediment reduction exceeding the  
22 required reduction in the amount of 23,385  
23 pounds per year. It is assumed that the  
24 Borough can utilize the surplus reduction  
25 for future permit cycles and permit

1 requirements.

2 This PRP amendment was advertised on  
3 September 29th in the Times' legal section.  
4 The advertisement started the 30-day public  
5 review and comment period.

6 Any questions from the audience?

7 MR. GANGEMI: So now what happens  
8 with the extra 22,000 pounds?

9 MR. KALINOSKI: We believe that we  
10 will be able to use it in the next permit  
11 cycle, and right now, DEP's not sure how  
12 we're going to handle the next permit cycle.

13 MR. GANGEMI: Okay.

14 MR. KALINOSKI: If we're just going  
15 to roll it over and continue the existing  
16 permit, or if we're going to go into a new  
17 permit.

18 MR. GANGEMI: How many pounds per  
19 cycle do you have to meet? Does it vary or?

20 MR. KALINOSKI: It depends. Yeah,  
21 there is a 10 percent reduction overall is  
22 what we need over the term of the permit,  
23 which is 2018 to 2023, five years.

24 MR. GANGEMI: Good job.

25 MR. KALINOSKI: Yeah. I mean,

1 Sulfur Creek helped. It was a big plus.

2 MR. GANGEMI: I understand. Good  
3 job.

4 MR. KUCHARSKI: I just want to say  
5 thanks. You were very thorough, and again,  
6 great job.

7 MR. KALINOSKI: Thank you.

8 MR. KUCHARSKI: That concludes the  
9 meeting.

10 (Meeting adjourned.)

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C E R T I F I C A T E .

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3 I hereby certify that I attended the forgoing  
4 proceeding, the notes taken by me are contained fully  
5 and accurately of the above cause, and that this copy  
6 is a correct transcript of the same to the best of my  
7 ability.

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10 *Mollie Gill*

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Mollie Gill, RPR  
Court Reporter

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