



## 319 NONPOINT SOURCE MANAGEMENT GOALS & ACCOMPLISHMENTS FORM

This form represents (choose one):

- ☒ Project Goals  
☐ Project Accomplishments (to be submitted with final report)

**Project Title:** WIP Implementation Phase V South Branch Plum Creek

**State Project Number:** 2005

**Contract Number:** C990000000

**Primary Subgrantee:** Indiana County Conservation District

**Project Manager Name:** John Smith  
**Project Manager Phone:** 724-555-5555

**Grant Amount (319(h) Federal Funds):** \$280,000

**Project Start Date:** 4/1/2021

**Project End Date:** 6/30/2023

### Key Partners:

Partner Name* (Add additional rows if needed)	Role	Organization Type	Match/Partner Contributions Amount	Cash or In-Kind
Indiana County Conservation District	Grant Admin.	County/Municipal Agencies	\$10,000	Cash
Americorps	Education	Non-Government Org. (NGO)	\$1,000	In-Kind
landowners		Private Land Holders	\$	In-Kind
		Choose an item.	\$	
		Choose an item.	\$	

\*Do not list individual volunteer or private land holder names.

### Work Categories:

Primary	Non-Primary	(Check all that apply. One must be marked primary. The rest of the applicable work categories are to be marked non-primary)
<input type="checkbox"/>	<input type="checkbox"/>	<b>319(h) National Monitoring Project</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>BMP Design</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>BMP Effectiveness Monitoring</b>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>BMP Implementation</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Education/Information</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>GIS/Modeling</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Monitoring Design</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>NPS State Staff Activities</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Regulatory/Enforcement</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Water Quality Assessment/Monitoring</b>
<input type="checkbox"/>	<input type="checkbox"/>	<b>Watershed Planning</b>



**Sources of NPS Pollution:** (Provide **Category** percentages and check all applicable **Secondary Categories**.)

80%	<b>Agriculture</b> <input type="checkbox"/> Aquaculture <input checked="" type="checkbox"/> Grazing Related Sources <input type="checkbox"/> Irrigated Crop Production <input type="checkbox"/> Non-Irrigated Crop Production <input type="checkbox"/> Pasture Grazing <input type="checkbox"/> Range Grazing <input type="checkbox"/> Specialty Crop Production (e.g. horticulture/citrus/nuts/fruits)	%	<b>Marinas and Recreational Boating</b> <input type="checkbox"/> Boat Construction <input type="checkbox"/> Boat Maintenance <input type="checkbox"/> Dredging <input type="checkbox"/> Fueling <input type="checkbox"/> Other On-Vessel Discharges <input type="checkbox"/> Pumpouts <input type="checkbox"/> Sanitary On-Vessel Discharges
%	<b>Animal Feeding Operations</b> <i>(no secondary category)</i>	%	<b>Shoreline Erosion</b>
%	<b>Construction</b> <input type="checkbox"/> Highways/Roads/Bridges <input type="checkbox"/> Land Development or Redevelopment	%	<b>Other NPS Pollution</b> <input type="checkbox"/> Atmospheric Deposition <input type="checkbox"/> Erosion From Derelict Land <input type="checkbox"/> Forest fire/Wildfire <input type="checkbox"/> Groundwater Loadings <input type="checkbox"/> Natural Sources <input type="checkbox"/> Rec. & Tourism Activities (non-boating)
%	<b>Historical Pollutants</b> <input type="checkbox"/> Clean Sediments <input type="checkbox"/> Contaminated Sediments <input type="checkbox"/> Other Historical Pollutants		<input checked="" type="checkbox"/> Spills <input type="checkbox"/> Wildlife
%	<b>Hydromodification</b> <input type="checkbox"/> Channelization <input type="checkbox"/> Dam Construction <input type="checkbox"/> Drainage/Filling of Wetlands <input type="checkbox"/> Dredging <input type="checkbox"/> Flow Regulations/Modification <input type="checkbox"/> Groundwater Withdrawal <input type="checkbox"/> Other Habitat Modification <input type="checkbox"/> Removal of Riparian Vegetation <input type="checkbox"/> Streambank or Shoreline Modification/Destabilization <input type="checkbox"/> Upstream Impoundment	%	<b>Resource Extraction</b> <input type="checkbox"/> Abandoned Mine Drainage <input type="checkbox"/> Dredge Mining <input type="checkbox"/> Mill Tailings <input type="checkbox"/> Mine Tailings <input type="checkbox"/> Open Pit Mining <input type="checkbox"/> Petroleum Activities <input type="checkbox"/> Placer Mining <input type="checkbox"/> Sand/Gravel Mining  <input type="checkbox"/> Subsurface Mining <input type="checkbox"/> Surface Mining
20%	<b>Land Disposal/Storage Treatment</b> <input type="checkbox"/> Hazardous Waste <input type="checkbox"/> Inappropriate Waste Disposal <input type="checkbox"/> Industrial Land Management <input type="checkbox"/> Landfills <input checked="" type="checkbox"/> On-site/Decentralized Wastewater <input type="checkbox"/> Septage Disposal <input type="checkbox"/> Storage Tank Leaks (above ground) <input type="checkbox"/> Storage Tank Leaks (underground) <input type="checkbox"/> Wastewater	%	<b>Silviculture</b> <input type="checkbox"/> Forest Management <input type="checkbox"/> Harvesting/Residue Management <input type="checkbox"/> Reforestation <input type="checkbox"/> Road Construction Maintenance
		%	<b>Turf Management</b> <input type="checkbox"/> Golf Courses <input type="checkbox"/> Other Turf Management <input type="checkbox"/> Yard Maintenance
		%	<b>Urban Runoff/Stormwater</b> <input type="checkbox"/> Commercial <input type="checkbox"/> Dry Weather Flows <input type="checkbox"/> Highway/Road/Bridge Runoff <input type="checkbox"/> Illicit Connections/Illegal Hook-ups <input type="checkbox"/> Municipal <input type="checkbox"/> Post-Development Erosion and Sed. <input type="checkbox"/> Residential <input type="checkbox"/> Salt Storage Sites

**Waterbodies:**

Waterbody Name (Add additional rows if needed.)	Type	ATTAINS ID
South Branch Plum Creek	Stream/Creek/River	PA-SCR-123861204
Leisure Run	Stream/Creek/River	PA-SCR-123851636
	Choose an item.	

**Map Location & Drainage Areas:** (Attach map(s) showing the location of the site(s).)

Site (Land Unit) Name (Add additional rows if needed.)	Latitude (decimal degrees)	Longitude (decimal degrees)	HUC12
WIP Site 38	40.772580	-79.109377	050100060901
WIP Site 89	40.770727	-79.129633	050100060901
WIP Site 51A	40.775748	-79.089861	050100060901

**Watershed Plan:**

319 Watershed Implementation Plan (WIP) Name	Status
Watershed Implementation Plan for South Branch Plum Creek	Implementing a Watershed Based Plan

**Pollutants and Load Reductions:**

(Implementation projects only. Check all that apply and complete the required items.)					Post-Implementation	
	Pollutant (Common pollutants are listed first.)	Estimated Load Reduction	Unit of Measure	Load Reduction Model*	Load Reduction Date	TMDL? Yes or No
<input type="checkbox"/>	Acidity		LBS/DAY			
<input type="checkbox"/>	Metals (Aluminum)		LBS/DAY			
<input type="checkbox"/>	Metals (Iron)		LBS/DAY			
<input type="checkbox"/>	Metals (Manganese)		LBS/DAY			
<input type="checkbox"/>	Nitrogen		LBS/YR			
<input type="checkbox"/>	Phosphorus		LBS/YR			
<input checked="" type="checkbox"/>	Sedimentation-Siltation	4.5	TONS/YR	MapShed		
<input type="checkbox"/>	Algal Growth/Chlorophyll					
<input type="checkbox"/>	Ammonia					
<input type="checkbox"/>	Bacteria					
<input type="checkbox"/>	Biochemical Oxygen Demand (BOD)					
<input type="checkbox"/>	Chemical Oxygen Demand (COD)					
<input type="checkbox"/>	Chlorine					
<input type="checkbox"/>	Conductivity (mohms/cm @ 25 °C)					
<input type="checkbox"/>	Dissolved Oxygen (Low)					
<input type="checkbox"/>	Fecal coliform					
<input type="checkbox"/>	Inorganics (Other)					
<input type="checkbox"/>	Metals (Arsenic)					
<input type="checkbox"/>	Metals (Cadmium)					
<input type="checkbox"/>	Metals (Chromium)					
<input type="checkbox"/>	Metals (Copper)					
<input type="checkbox"/>	Metals (Lead)					

<input type="checkbox"/>	Metals (Mercury)					
<input type="checkbox"/>	Metals (Other)					
<input type="checkbox"/>	Metals (Selenium)					
<input type="checkbox"/>	Metals (Zinc)					
<input type="checkbox"/>	Nitrate					
<input type="checkbox"/>	Oil and Grease					
<input type="checkbox"/>	Organics (Other Nonpriority)					
<input type="checkbox"/>	Organics (Other Priority)					
<input type="checkbox"/>	PCBs					
<input type="checkbox"/>	Pathogens (Coliform)					
<input type="checkbox"/>	Pathogens (E Coli)					
<input type="checkbox"/>	Pathogens (Other)					
<input type="checkbox"/>	Pesticides (Chlordane)					
<input type="checkbox"/>	Pesticides (DDT)					
<input type="checkbox"/>	Pesticides (Dianzinon)					
<input type="checkbox"/>	Pesticides (Dieldrin)					
<input type="checkbox"/>	Pesticides (Other)					
<input type="checkbox"/>	Phosphate					
<input type="checkbox"/>	Road Salt or Deicer					
<input type="checkbox"/>	Sulfates					
<input type="checkbox"/>	Suspended solids					
<input type="checkbox"/>	Total Kjeldahl Nitrogen					
<input type="checkbox"/>	Toxics (Total)					
<input type="checkbox"/>	Treated Wastewater					
<input type="checkbox"/>	Turbidity					

\*Model used to generate load reductions should be consistent with WIP or TMDL, where applicable and appropriate.

#### Related Best Management Practices (BMPs)

Check all that apply and attach map(s) detailing BMP locations within the site(s):

	AMD Treatment/AML Practices	Planned On (date)	Implemented On (date)	Implemented Amount	Implemented Units of Measure
<input type="checkbox"/>	AMD treatment system, <input type="checkbox"/> subtype active				quantity
<input type="checkbox"/>	AMD treatment system, <input type="checkbox"/> subtype passive				quantity
<input type="checkbox"/>	land reconstruction, abandoned mined land (NRCS 543)				acres
	Agricultural Practices	Planned On (date)	Implemented On (date)	Implemented Amount	Implemented Units of Measure
<input type="checkbox"/>	access control (NRCS 472)				acres
<input type="checkbox"/>	access road (NRCS 560)				feet
<input type="checkbox"/>	agrichemical handling facility (NRCS 309)				quantity
<input type="checkbox"/>	alley cropping (NRCS 311)				acres
<input type="checkbox"/>	animal mortality facility (NRCS 316)				quantity
<input type="checkbox"/>	closure of waste impoundment (NRCS 360)				quantity
<input type="checkbox"/>	composting facility (NRCS 317)				quantity

<input type="checkbox"/>	<b>comprehensive nutrient management plan – written</b> (NRCS 102)				quantity
<input type="checkbox"/>	<b>comprehensive nutrient management plan – applied</b> (NRCS 103)				quantity
<input type="checkbox"/>	<b>conservation cover</b> (NRCS 327)				acres
<input type="checkbox"/>	<b>conservation crop rotation</b> (NRCS 328)				acres
<input type="checkbox"/>	<b>continuous cover crops</b> (SQL02)				acres
<input type="checkbox"/>	<b>contour buffer strips</b> (NRCS 332)				acres
<input type="checkbox"/>	<b>contour farming</b> (NRCS 330)				acres
<input type="checkbox"/>	<b>cover crop</b> (NRCS 340)				acres
<input checked="" type="checkbox"/>	<b>critical area planting</b> (NRCS 342)	3/1/2023			acres
<input type="checkbox"/>	<b>deep tillage</b> (NRCS 324)				acres
<input type="checkbox"/>	<b>diversion</b> (NRCS 362)				feet
<input type="checkbox"/>	<b>drainage water management</b> (NRCS 554)				acres
<input type="checkbox"/>	<b>feed management</b> (NRCS 592)				animal units
<input checked="" type="checkbox"/>	<b>fence</b> (NRCS 382)	9/1/2021			feet
<input type="checkbox"/>	<b>field border</b> (NRCS 386)				acres
<input type="checkbox"/>	<b>filter strip</b> (NRCS 393)				acres
<input type="checkbox"/>	<b>forage and biomass planting</b> (NRCS 512)				acres
<input type="checkbox"/>	<b>forage harvest management</b> (NRCS 511)				acres
<input type="checkbox"/>	<b>grazing land mechanical treatment</b> (NRCS 548)				acres
<input checked="" type="checkbox"/>	<b>heavy use area protection</b> (NRCS 561)	10/1/2021			square feet
<input type="checkbox"/>	<b>intercropping to improve soil quality &amp; increase biodiversity</b> (SQL08)				acres
<input type="checkbox"/>	<b>irrigation water conveyance</b> (NRCS 430)				feet
<input type="checkbox"/>	<b>irrigation reservoir</b> (NRCS 436)				gallons
<input type="checkbox"/>	<b>irrigation system, microirrigation</b> (NRCS 441)				acres
<input type="checkbox"/>	<b>irrigation system, sprinkler</b> (NRCS 442)				acres
<input type="checkbox"/>	<b>irrigation system, surface and subsurface</b> (NRCS 443)				acres
<input type="checkbox"/>	<b>irrigation water management</b> (NRCS 449)				acres
<input type="checkbox"/>	<b>lined waterway or outlet</b> (NRCS 468)				feet
<input type="checkbox"/>	<b>livestock shelter structure</b> (NRCS 576)				square feet
<input type="checkbox"/>	<b>monitoring well</b> (NRCS 535)				quantity
<input type="checkbox"/>	<b>nutrient management</b> (NRCS 590)				acres
<input type="checkbox"/>	<b>pasture &amp; hayland management</b>				acres
<input checked="" type="checkbox"/>	<b>pipeline</b> (NRCS 516)	8/1/2022			feet
<input checked="" type="checkbox"/>	<b>prescribed grazing</b> (NRCS 528)	10/1/2021			acres
<input type="checkbox"/>	<b>residue and tillage management, no-till/strip till/direct seed</b> (NRCS 329)				acres
<input type="checkbox"/>	<b>roofs and covers</b> (NRCS 367)				quantity
<input type="checkbox"/>	<b>silvopasture establishment</b> (NRCS 381)				acres
<input checked="" type="checkbox"/>	<b>spring development</b> (NRCS 574)	8/1/2022			quantity
<input type="checkbox"/>	<b>stormwater runoff control</b> (NRCS 570)				acres
<input checked="" type="checkbox"/>	<b>stream crossing</b> (NRCS 578)	9/1/2021			quantity

<input type="checkbox"/>	stripcropping (NRCS 585)				acres
<input type="checkbox"/>	structure for water control (NRCS 587)				quantity
<input checked="" type="checkbox"/>	subsurface drain (NRCS 606)	8/1/2022			feet
<input type="checkbox"/>	surface drain, field ditch (NRCS 607)				feet
<input type="checkbox"/>	terrace (NRCS 600)				feet
<input checked="" type="checkbox"/>	trails and walkways (NRCS 575)	9/1/2021			feet
<input type="checkbox"/>	transition to organic cropping systems (WQL20)				acres
<input type="checkbox"/>	transition to organic grazing systems (WQL19)				acres
<input type="checkbox"/>	waste storage facility (NRCS 313)				quantity
<input type="checkbox"/>	waste transfer (NRCS 634)				quantity
<input type="checkbox"/>	waste treatment lagoon (NRCS 359)				quantity
<input type="checkbox"/>	waste utilization (NRCS 633)				quantity
<input type="checkbox"/>	water and sediment control basin (NRCS 638)				acres
<input type="checkbox"/>	water well (NRCS 642)				quantity
<input type="checkbox"/>	water well decommissioning (NRCS 351)				quantity
<input checked="" type="checkbox"/>	watering facility (NRCS 614)	8/1/2022			quantity
	<b>Stormwater Practices</b>	<b>Planned On (date)</b>	<b>Implemented On (date)</b>	<b>Implemented Amount</b>	<b>Implemented Units of Measure</b>
<input type="checkbox"/>	catch basin vacuum truck or unit				quantity
<input type="checkbox"/>	constructed wetland (NRCS 656), <input type="checkbox"/> subtype aerobic				acres
<input type="checkbox"/>	constructed wetland (NRCS 656), <input type="checkbox"/> subtype anaerobic				acres
<input type="checkbox"/>	dry extended detention basin				acres
<input type="checkbox"/>	impervious surface removal				square feet
<input type="checkbox"/>	infiltration basin				acres
<input type="checkbox"/>	planter boxes				quantity
<input type="checkbox"/>	pervious pavement				square feet
<input type="checkbox"/>	rain garden/bio-retention				square feet
<input type="checkbox"/>	rooftop disconnection				acres
<input type="checkbox"/>	sediment basin (NRCS 350)				quantity
<input type="checkbox"/>	sediment fore bay				square feet
<input type="checkbox"/>	street sweeping				square feet
<input type="checkbox"/>	subsurface infiltration bed				acres
<input type="checkbox"/>	vegetated roof				square feet
<input type="checkbox"/>	vegetated swale				feet
<input type="checkbox"/>	water quality inserts/inlets				quantity
	<b>Streams/Lakes/Ponds Practices</b>	<b>Planned On (date)</b>	<b>Implemented On (date)</b>	<b>Implemented Amount</b>	<b>Implemented Units of Measure</b>
<input type="checkbox"/>	channel bed stabilization (NRCS 584)				feet
<input type="checkbox"/>	channel floodplain restoration				feet
<input type="checkbox"/>	dam removal				quantity
<input type="checkbox"/>	dredging				acres

<input type="checkbox"/>	<b>fish passage</b> (NRCS 396)				quantity
<input type="checkbox"/>	<b>in-lake alum treatment</b>				acres
<input type="checkbox"/>	<b>lake aeration</b>				acres
<input type="checkbox"/>	<b>pond</b> (NRCS 378)				acres
<input type="checkbox"/>	<b>pond sealing or lining, flexible membrane</b> (NRCS 521A)				square feet
<input type="checkbox"/>	<b>riparian forest buffer</b> (NRCS 391)				acres
<input type="checkbox"/>	<b>riparian herbaceous cover</b> (NRCS 390)				acres
<input checked="" type="checkbox"/>	<b>streambank and shoreline protection</b> (NRCS 580)	6/30/2023			feet
	<b>Wetland Practices</b>	<b>Planned On (date)</b>	<b>Implemented On (date)</b>	<b>Implemented Amount</b>	<b>Implemented Units of Measure</b>
<input type="checkbox"/>	<b>wetland acquisition for protection</b>				acres
<input type="checkbox"/>	<b>wetland creation</b> (NRCS 658)				acres
<input type="checkbox"/>	<b>wetland enhancement</b> (NRCS 659)				acres
<input type="checkbox"/>	<b>wetland restoration</b> (NRCS 657)				acres
<input type="checkbox"/>	<b>wetland wildlife habitat management</b> (NRCS 644)				acres
	<b>Forestry Practices</b>	<b>Planned On (date)</b>	<b>Implemented On (date)</b>	<b>Implemented Amount</b>	<b>Implemented Units of Measure</b>
<input type="checkbox"/>	<b>forest stand improvement</b> (NRCS 666)				acres
<input type="checkbox"/>	<b>forest trails and landings</b> (NRCS 655)				acres
<input type="checkbox"/>	<b>prescribed burning</b> (NRCS 338)				acres
	<b>Miscellaneous Practices</b>	<b>Planned On (date)</b>	<b>Implemented On (date)</b>	<b>Implemented Amount</b>	<b>Implemented Units of Measure</b>
<input type="checkbox"/>	<b>dirt/gravel road maintenance</b>				feet
<input type="checkbox"/>	<b>grade stabilization structure</b> (NRCS 410)				quantity
<input type="checkbox"/>	<b>grassed waterway</b> (NRCS 412)				acres
<input type="checkbox"/>	<b>hedgerow planting</b> (NRCS 422)				feet
<input type="checkbox"/>	<b>integrated pest management</b> (NRCS 595)				acres
<input type="checkbox"/>	<b>invasive species removal</b>				square feet
<input type="checkbox"/>	<b>land reclamation, landslide treatment</b> (NRCS 453)				acres
<input type="checkbox"/>	<b>land reclamation, toxic discharge control</b> (NRCS 455)				acres
<input type="checkbox"/>	<b>mulching</b> (NRCS 484)				acres
<input checked="" type="checkbox"/>	<b>pumping plant</b> (NRCS 533)	8/1/2022			quantity
<input type="checkbox"/>	<b>restoration and management of rare or declining habitats</b>				quantity
<input type="checkbox"/>	<b>roof runoff structure</b> (NRCS 558)				feet
<input type="checkbox"/>	<b>tree/shrub establishment</b> (NRCS 612)				acres
<input type="checkbox"/>	<b>upland wildlife habitat management</b> (NRCS 645)				acres



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**ACCOMPLISHMENTS ONLY (Post-Grant Completion)**

**What differed between the final approved workplan and what was finally accomplished for this project? (eg. Clarify any amendments, project changes, deliverables.)**

**Best Management Practices (Implementation projects only):**

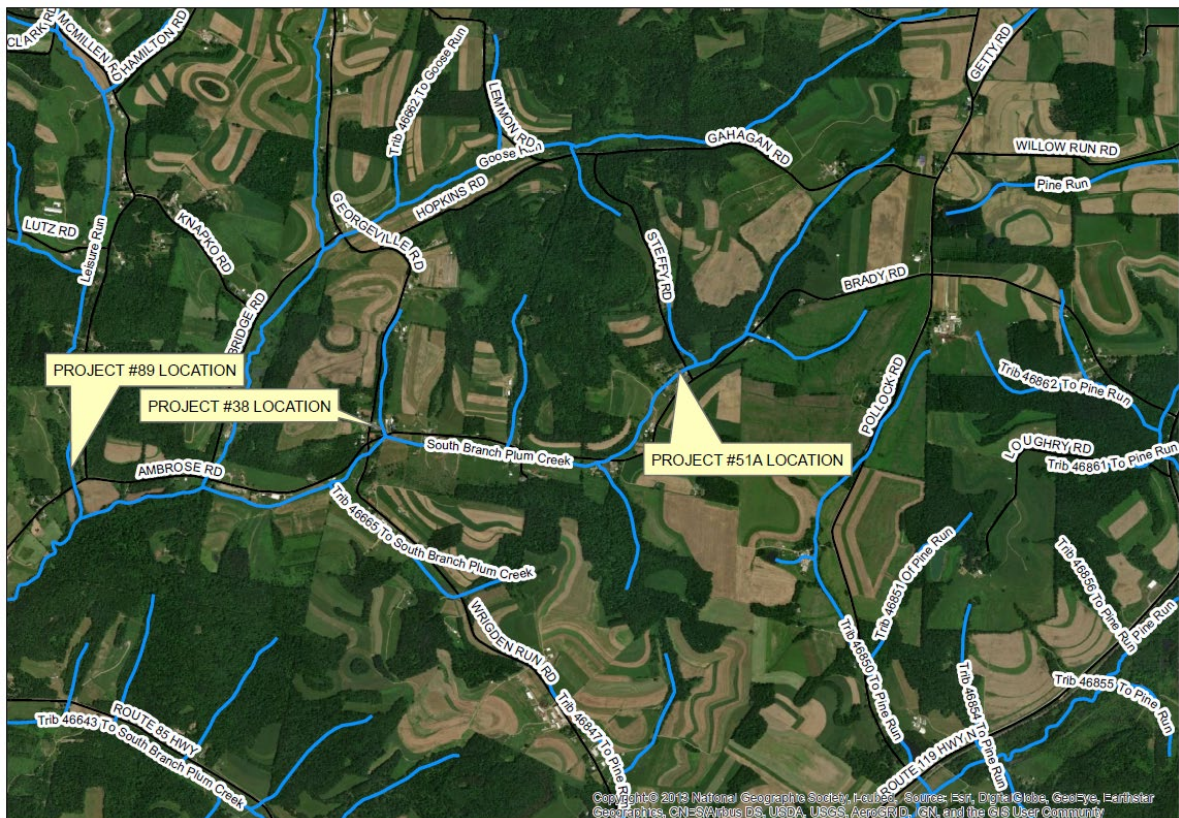
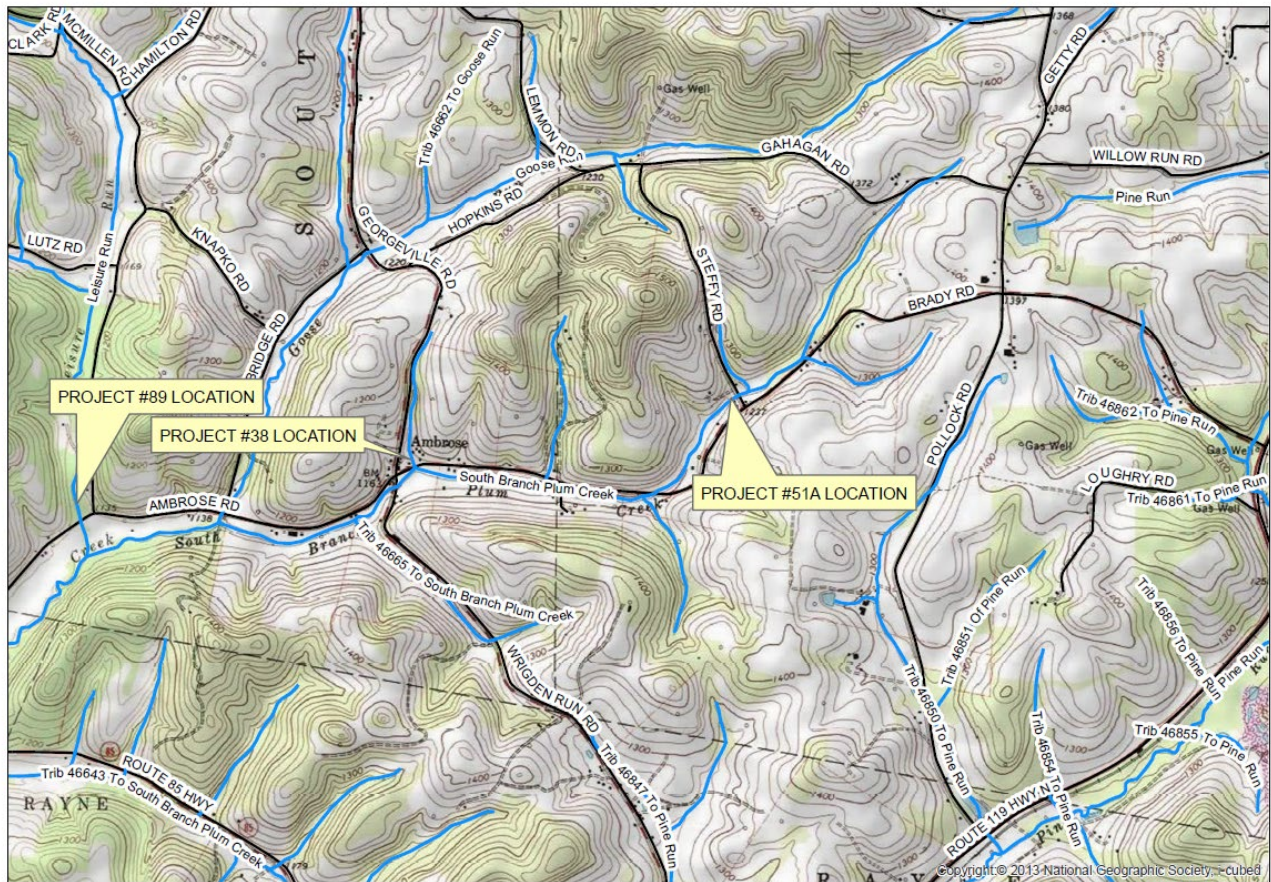
**If applicable, please explain why Installed BMPs were different than what was stated in the final approved work plan.**

**Deliverables:**

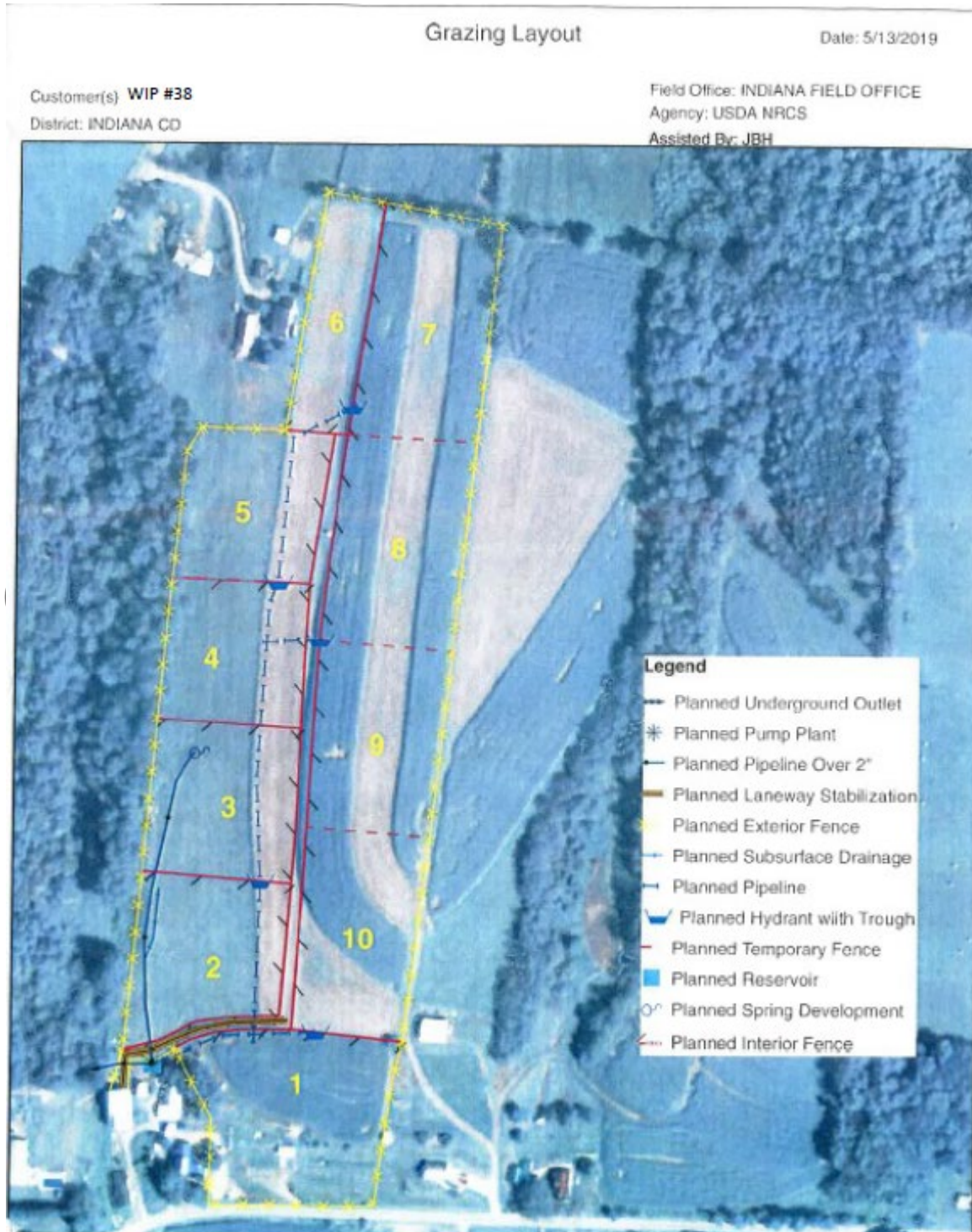
<b>Deliverables planned in the final approved workplan</b> <i>(Add additional rows if needed.)</i>	<b>Deliverables submitted to PADEP</b>	<b>Date deliverable was submitted to PADEP</b>

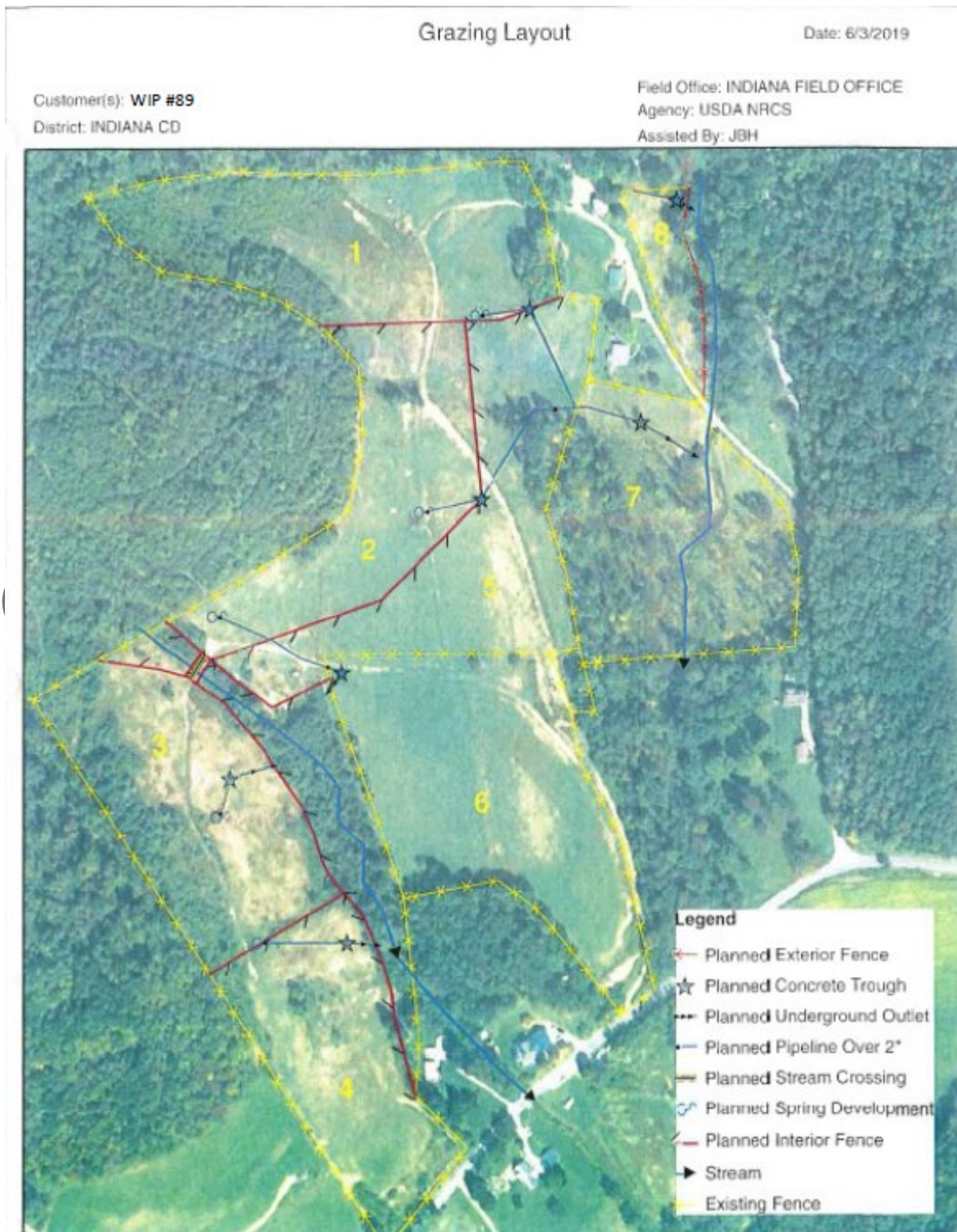
**If applicable, please explain why the deliverables that were submitted to PADEP were different than what was committed to in the final approved workplan.**













WIP Site 51A

