

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0263605
APS ID 1144336
Authorization ID 1538753

Applicant, Facility and Project Information

Applicant Name <u>Adam Hamilton</u>	Facility Name <u>Adam Hamilton SRSTP</u>
Applicant Address <u>26833 State Highway 408</u> <u>Cambridge Springs, PA 16403-5431</u>	Facility Address <u>26833 State Highway 408</u> <u>Cambridge Springs, PA 16403-5431</u>
Applicant Contact <u>Adam Hamilton</u>	Facility Contact <u>Adam Hamilton</u>
Applicant Phone <u>(814) 720-5014</u>	Facility Phone <u>(814) 720-5014</u>
Client ID <u>365488</u>	Site ID <u>723998</u>
SIC Code <u>4952,8800</u>	Municipality <u>Rockdale Township</u>
SIC Description <u>Private Households, Trans. & Utilities - Sewerage Systems</u>	County <u>Crawford</u>
Date Application Received <u>August 25, 2025</u>	WQM Required <u>Previously issued - WQG018714</u>
Date Application Accepted <u>September 4, 2025</u>	WQM App. No. <u></u>
Project Description <u>Renewal for a Single Residence Sewage Treatment Plant</u>	

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0263605** that will expire on May 31, 2026. The discharge channel is Trib 53168 To Dead Creek which is a HQ watershed. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The existing facility under (WQM Permit No. WQG018714) issued on September 2009 consist of septic tank with subsurface sand filter and UV disinfection.

AMR was received.

There are no open violations in WMS for the subject Client ID (365488) as of September 4, 2025.

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Approve	Deny	Signatures	Date
x		Adebayo Olude Adebayo Olude / Civil Engineer Trainee	September 4, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	September 5, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0004
Latitude	41° 46' 23.13"	Longitude	-79° 58' 3.56"
Quad Name	Millers Station	Quad Code	41079G8
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Dead Creek (HQ-TSF)	Stream Code	53168
NHD Com ID	127351090	RMI	0.0500
Drainage Area	0.2	Yield (cfs/mi²)	0.03385
Q7-10 Flow (cfs)	0.00677	Q7-10 Basis	StreamStats
Elevation (ft)	1149	Slope (ft/ft)	-
Watershed No.	16-A	Chapter 93 Class.	HQ-TSF
Existing Use		Existing Use Qualifier	
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)	-		-
Temperature (°F)	-		-
Hardness (mg/L)	-		-
Other:	-		-
Nearest Downstream Public Water Supply Intake	Cambridge Springs Borough		
PWS Waters	French Creek	Flow at Intake (cfs)	51.45
PWS RMI	48.35	Distance from Outfall (mi)	>10mil

Changes Since Last Permit Issuance: Elevation was revised using Google Earth. Drainage Area and Q7-10 Flow were revised using USGS StreamStats.

Other Comments: This SRSTP is designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the discharge into a High-Quality Watershed.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

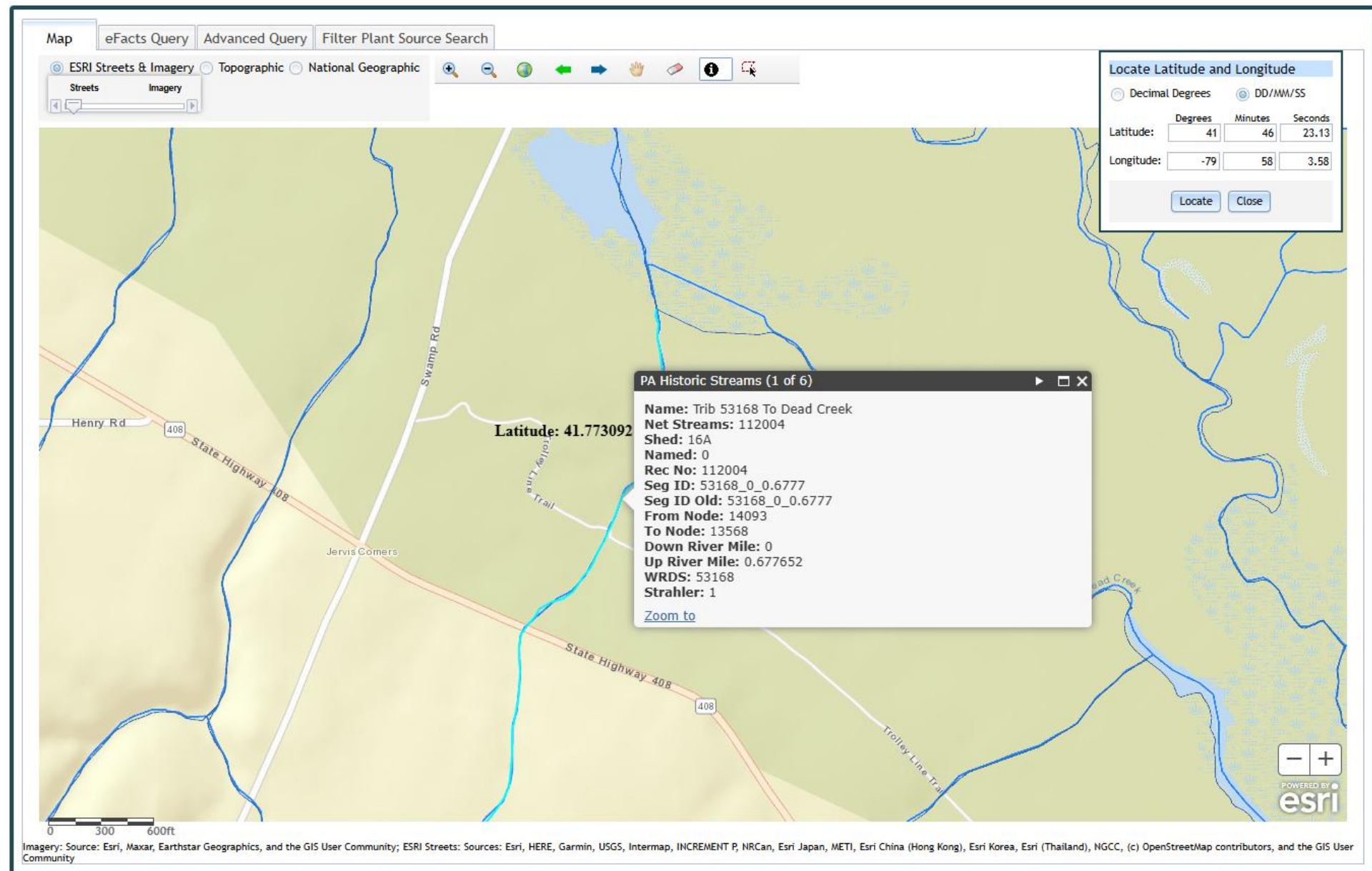
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

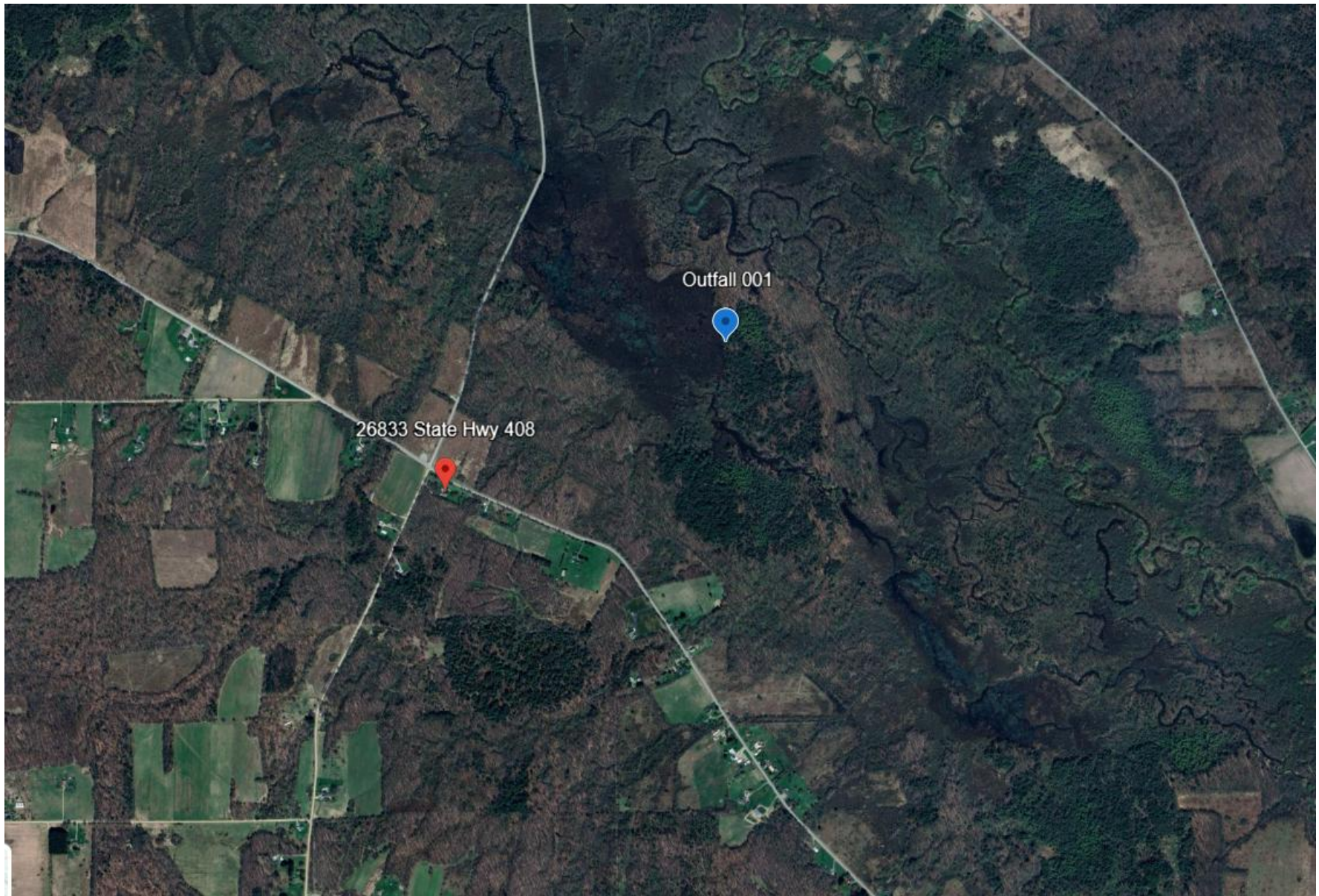
Compliance Sampling Location: Outfall 001 after disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for CBOD5, Total Suspended Solids, and Fecal Coliforms are technology- based on Chapter 92a.47.

Attachment 1
eMAP- Receiving Streams Information



Attachment 2
Google Earth - Imagery

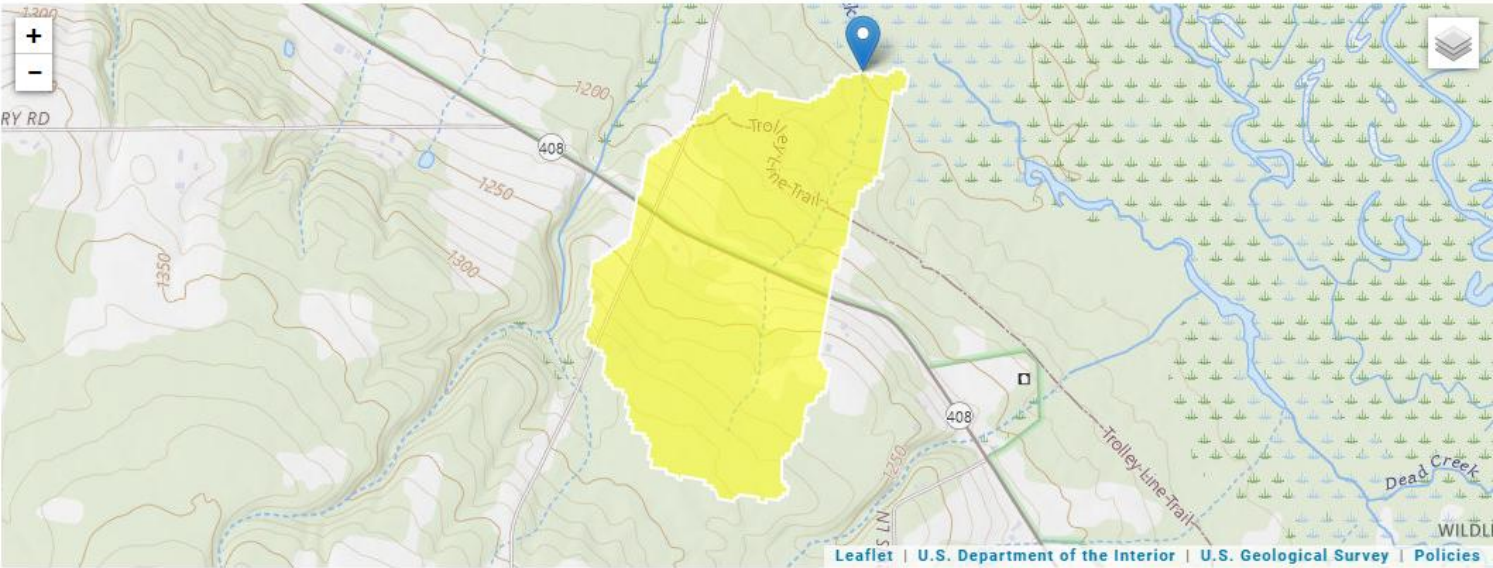


Attachment 3
StreamStats Report

StreamStats Report

Region ID:
Workspace ID:
Clicked Point (Latitude, Longitude):
Time:

PA
PA20250904132915819000
41.77467, -79.96738
2025-09-04 09:29:37 -0400



Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.2	square miles
ELEV	Mean Basin Elevation	1232	feet
PRECIP	Mean Annual Precipitation	45	inches

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 3]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.2	square miles	2.33	1720
ELEV	Mean Basin Elevation	1232	feet	898	2700
PRECIP	Mean Annual Precipitation	45	inches	38.7	47.9

Low-Flow Statistics Disclaimers [Low Flow Region 3]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 3]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.0181	ft ³ /s
30 Day 2 Year Low Flow	0.0285	ft ³ /s
7 Day 10 Year Low Flow	0.00677	ft ³ /s
30 Day 10 Year Low Flow	0.0105	ft ³ /s
90 Day 10 Year Low Flow	0.016	ft ³ /s

Low-Flow Statistics Citations

[Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p.](#)