



**US Army Corps
of Engineers**
Fort Worth District

Public Notice

Applicant: Luminant Mining Company LLC

Permit Application No. : SWF-2016-00335

Date: June 28, 2018

The purpose of this public notice is to inform you of a proposal for work in which you might be interested. It is also to solicit your comments and information to better enable us to make a reasonable decision on factors affecting the public interest. We hope you will participate in this process.

Regulatory Program

Since its early history, the U.S. Army Corps of Engineers has played an important role in the development of the nation's water resources. Originally, this involved construction of harbor fortifications and coastal defenses. Later duties included the improvement of waterways to provide avenues of commerce. An important part of our mission today is the protection of the nation's waterways through the administration of the U.S. Army Corps of Engineers Regulatory Program.

Section 10

The U.S. Army Corps of Engineers is directed by Congress under Section 10 of the Rivers and Harbors of 1899 (33 USC 403) to regulate *all work or structures in or affecting the course, condition or capacity of navigable waters of the United States*. The intent of this law is to protect the navigable capacity of waters important to interstate commerce.

Section 404

The U.S. Army Corps of Engineers is directed by Congress under Section 404 of the Clean Water Act (33 USC 1344) to regulate the *discharge of dredged and fill material into all waters of the United States, including wetlands*. The intent of the law is to protect the nation's waters from the indiscriminate discharge of material capable of causing pollution and to restore and maintain their chemical, physical and biological integrity.

Contact

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Phone Number: (817) 886-1742

JOINT PUBLIC NOTICE

U.S. ARMY CORPS OF ENGINEERS, FORT WORTH DISTRICT

AND

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUBJECT: Application for a Department of the Army Permit under Section 404 of the Clean Water Act (CWA) and for water quality certification under Section 401 of the CWA to discharge dredged and fill material into waters of the United States (U.S.) associated with the Bremond Mine in Robertson County, Texas by Luminant Mining Company LLC.

APPLICANT: Luminant Mining Company LLC (Luminant)
c/o Ms. Kimberly Mireles
Senior Director, Environmental Services
Environmental Services Department
6555 Sierra Drive
Irving, Texas 75039

APPLICATION NUMBER: SWF-2016-00335

DATE ISSUED: June 26, 2018

LOCATION: The proposed Project Area is 13,107 acres in Robertson County. The Project Area is fully within the proposed Bremond Mine (approximately 12,514 acres) plus area for the dragline walkway and access road leading from the Kosse Mine (approximately 593 acres). The mining permit from the Railroad Commission of Texas is No. 49B, and the mine center is approximately at Latitude 31° 9' 8" N and Longitude 96° 33' 60" W. The Bremond Mine is scheduled to begin extracting lignite (coal) in 2023, although the initial impacts are anticipated to begin in 2020 for construction of infrastructure. The Project Area is approximately six miles east of the town of Bremond, Texas (see Figures 1 through 7); is contained within the Petteway, Owensville, and Kosse East 7.5-minute USGS quadrangle maps; and is in the following USGS Hydrologic Units: 120701010501 (Beck Creek-Walnut Creek), 120701010502 (Big Willow Creek-Walnut Creek), 120701010503 (South Walnut Creek), and 120701030403 (Upper Duck Creek). The proposed project area is generally contained within the following area: west of FM 2293; south of Walnut Creek and the railroad leading to the Oak Grove Steam Electric Station; north of various property tracts; and northeast of FM 46.

OTHER AGENCY AUTHORIZATIONS: (1) Texas Pollutant Discharge Elimination System (TPDES) Wastewater Discharge Permit [02699], TCEQ; (2) Hazardous Waste Permit [728949], Environmental Protection Agency (EPA); (3) Surface Mining Permit [49B], Railroad Commission of Texas (RRC); and (4) Solid Waste Registration [33310], TCEQ. Other agency authorizations are pending approval.

PROJECT DESCRIPTION: The applicant proposes to discharge approximately 93,719 cubic yards of fill material into approximately 58.09 acres of waters of the U.S. (WOTUS) in conjunction with the construction, operation, and reclamation of the Bremond Mine, Permit No. 49B in Robertson County. Total impacts to WOTUS would include 1.36 acre of forested wetlands, 1.17 acre of scrub-shrub wetlands, 3.16 acres of non-forested wetlands, 29.51 acres of impoundments (stock tanks/ponds), and 274,157 linear feet (lf) of streams, including 403 lf (0.19 acre) of perennial; 36,306 lf (5.35 acres) of intermittent; and 237,448 lf (17.35 acres) of ephemeral streams. The proposed Impact Area would consist of approximately 9,242 acres to be mined, while 3,865 acres would be avoided (see Figure 2). Mining impacts would occur incrementally over the 27-year life of the mine and would be reclaimed contemporaneously. Surface mining operations would use conventional open pits excavated by large draglines and supported by standard earth moving equipment such as front-end loaders, hydraulic excavators, hydraulic backhoes, haulers, motor graders, dozers, end dumps, and scrapers. Infrastructure in support of the operation would include (1) construction of ponds and diversions to control surface water drainage, (2) placement of groundwater well fields to dewater overburden and relieve underburden pressures, (3) relocation of pipelines, (4) construction of service roads and (5) construction of a railroad spur from the mine to a main line leading to the Oak Grove Steam Electric Station. Project timing is for mining to begin and continue as permits are approved by regulatory agencies. Various construction projects and mining operations would involve adverse impacts to waters of the U.S., including wetlands, associated with filling or dredging activities.

Mining of the Bremond Mine would provide Luminant Generation Company LLC reliable access to an additional reserve of low cost lignite fuel resources to fuel the adjacent Oak Grove Steam Electric Station. In addition, this fuel resource is necessary to provide continuation of reliable and cost effective electric generation for customers and provide base load electric generation capacity for the Electric Reliability Council of Texas (ERCOT) electric grid.

Alternatives to the proposed project included no mining (no action), mining other nearby lignite deposits, generation plant retrofits to burn 100% Powder River Basin (PRB) coal, fuel source changes to natural gas, and mining at the Bremond Mine (Applicant's Preferred Alternative). Applicant indicates they considered all these alternatives relative to their technological and economic feasibility as well as their likelihood to reduce potential environmental impacts. Applicant also indicates delivery methods were not evaluated during the alternatives analysis. However, the location of the project alternatives in relation to the Oak Grove SES was evaluated during the economic feasibility analysis. Based on the alternatives analysis, there are two alternatives that are anticipated to be carried forward and analyzed by the USACE during their permitting and public interest review: 1) the Applicant's Preferred Alternative and 2) the No Action Alternative.

Appropriate and practicable steps would be taken to avoid, minimize, or mitigate the adverse impacts of the proposed project on the aquatic ecosystem. Current planning for the mine shows avoidance and minimization of adverse impacts to WOTUS would be a significant part of the design of the Surface Mining Control and Reclamation Act (SMCRA) permit and Individual Permit—the primary focus being protection of wetlands and other waters of the U.S. associated with Beck Creek, Mill Creek, Gnats Creek, Barton Branch, and Walnut Creek with attention

being focused on avoiding the highest quality areas. Approximately 28.54 acres of wetlands, 20.63 acres of ponds, and 181,326 lf (21.71 acres) of streams are projected to be avoided (70.88 total WOTUS avoidance acres). Despite incorporating measures to avoid and minimize impacts to waters of the U.S., the project would result in the loss of approximately 58.09 acres of waters of the U.S. Specifically, 1.36 acre of forested wetlands, 1.17 acre of scrub shrub wetlands, 3.16 acres of emergent wetlands, 274,157 lf of streams, and 29.51 acres of impoundments (stock tanks/ponds) are projected to be permanently impacted.

The applicant incorporated a number of measures to avoid and minimize impacts to WOTUS. After consideration of all available options, the applicant proposes to mitigate for unavoidable losses of WOTUS by construction of various waters of the U.S. within the reclaimed mine site, as is standard practice for surface mining activities. Baseline ecological conditional assessments of proposed aquatic resources impacts sites, existing reclaimed/restored aquatic resources, and regional aquatic resources reference sites were performed utilizing the Texas Rapid Assessment Method (TXRAM) version 2.0. Proposed mitigation work would utilize principles of natural channel design and fluvial geomorphology to reclaim/restore stream and wetland hydrology and buffers with the requirement that all created/restored waters meet the definition of WOTUS. Stream design information would be submitted for USACE and resource agency review. The information would include but not be limited to plan, profile, and dimension measurements based on appropriate regional hydrographic and geomorphological data and successful as-built streams/systems on and/or near the mine site. Proposed mitigation work would be similar in nature to past mitigation at other Luminant Mining Company LLC operations, including on site permittee responsible stream wetland and pond establishment. The onsite establishment would include re-construction of impacted WOTUS to pre-construction conditions as closely as possible, including restoring 4.74 acres of emergent wetlands, 5.06 acres of forested and scrub-shrub wetlands, 29.51 acres of impoundments, and 274,157 linear feet of stream channels with associated riparian corridors. The WOTUS established onsite would be protected in-perpetuity through conservation easements administered by a non-profit land trust organization.

PUBLIC INTEREST REVIEW FACTORS: This application will be reviewed in accordance with 33 CFR 320-331, the Regulatory Program of the U. S. Army Corps of Engineers (USACE), and other pertinent laws, regulations, and executive orders. Our evaluation will also follow the guidelines published by the U. S. Environmental Protection Agency pursuant to Section 404(b)(1) of the CWA. The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impact, of the proposed activity on the public interest. The Bremond Mine was one of the foreseeable actions identified in Study Area 3 of the Regional Environmental Impact Statement for Surface Coal and Lignite Mining in Texas released April 2016 by the Fort Worth District of the Army, Corps of Engineers (USACE). That decision will reflect the national concerns for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including its cumulative effects. Among the factors addressed are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food

and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people.

The USACE is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the USACE in determining whether to issue, issue with modifications or conditions, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

STATE WATER QUALITY CERTIFICATION: This project incorporates the requirements necessary to comply with the Texas Commission on Environmental Quality's (TCEQ) Tier II project criteria. Tier II projects are large projects that affect more than three acres of waters of the United States and/or 1,500 linear feet or more of streams. They also include projects that impact rare and ecologically significant wetlands and would not qualify for a Tier I review or for which the applicant elects not to incorporate Tier I Best Management Practices (BMPs), including the applicant choosing to use alternative BMPs. Accordingly, a request for 401 certification is necessary, and there will be additional TCEQ review.

ENDANGERED AND THREATENED SPECIES: The USACE has reviewed the U.S. Fish and Wildlife Service's (USFWS) latest published version of endangered and threatened species to determine if any may occur in the project area. The proposed project is located in Robertson County where the following species are listed as endangered by the USFWS: Houston toad (*Bufo houstonensis*), interior least tern (*Sterna antillarum*), whooping crane (*Grus americana*), large-fruited sand verbena (*Abronia macrocarpa*), and Navasota ladies' tresses (*Spiranthes parksii*). Listed by the USFWS as endangered under the Endangered Species Act (ESA) but not identified as potentially occurring in the project area are the sharpnose shiner (*Notropis oxyrhynchus*), small-eye shiner (*Notropis buccula*), and the red wolf (*Canis rufus*). The piping plover (*Charadrius melodus*) and the red knot (*Calidris canutus rufa*) are listed by the USFWS as threatened in Robertson County. The smooth pimpleback (*Quadrula houstonensis*) and the Texas fawnsfoot (*Truncilla macrodon*) have both been listed as candidate species by the USFWS, but neither species is identified as potentially occurring in the project area.

A concurrent permitting process with the Railroad Commission of Texas (RRC) to allow surface coal mining impacts for Bremond Mine will be initiated in the third quarter of 2018 with submittal of the Renewal/Expansion application for RRC Permit No. 49B. Additional background information will be contained in that application. As part of the RRC's implementation of its program, it is required to ensure actions it authorizes comply with the ESA as detailed in the U.S. Fish and Wildlife Service's September 24, 1996, Programmatic Biological Opinion (BO) and Conference Report to Office of Surface Mining (OSM) which addresses the continuation and approval of surface coal mining operations under state and Federal regulatory

programs adopted pursuant to SMCRA. The consultation and resulting BO were based on OSM's Federal action(s) of approval of state and Federal regulatory program adoption. Such efforts to comply with the ESA by RRC and/or OSM would ensure that USACE's responsibilities for ESA compliance associated with evaluation of this Section 404 permit application are fully addressed. Also supporting the sufficiency of compliance with the ESA is that the scope of OSM/RRC control and responsibility is larger than that of the USACE.

NATIONAL REGISTER OF HISTORIC PLACES (NRHP): The applicant proposes to address historic properties and cultural resources in accordance with the requirements of Section 106 of the National Historic Preservation Act and through direct consultation with applicable agency officials and other stakeholders. An integral part of the SMCRA permit application process involves comprehensive cultural resources surveys for, at a minimum, the five-year term project area to determine the presence or evidence of significant historic or archaeological sites within the project area that could be affected by the proposed mining activities. No cultural resources sites listed on the National Register of Historic Places (NRHP), eligible for listing on the NRHP, or with an unknown NRHP status will be impacted by mine-related activities unless the proper approvals are received from the Texas Historical Commission, Railroad Commission of Texas, and if necessary, the Environmental Protection Agency.

FLOODPLAIN MANAGEMENT: The USACE is sending a copy of this public notice to the local floodplain administrator. In accordance with 44 CFR part 60 (Flood Plain Management Regulations Criteria for Land Management and Use), the floodplain administrators of participating communities are required to review all proposed development to determine if a floodplain development permit is required and maintain records of such review.

SOLICITATION OF COMMENTS: The public notice is being distributed to all known interested persons in order to assist in developing facts upon which a decision by the USACE may be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition.

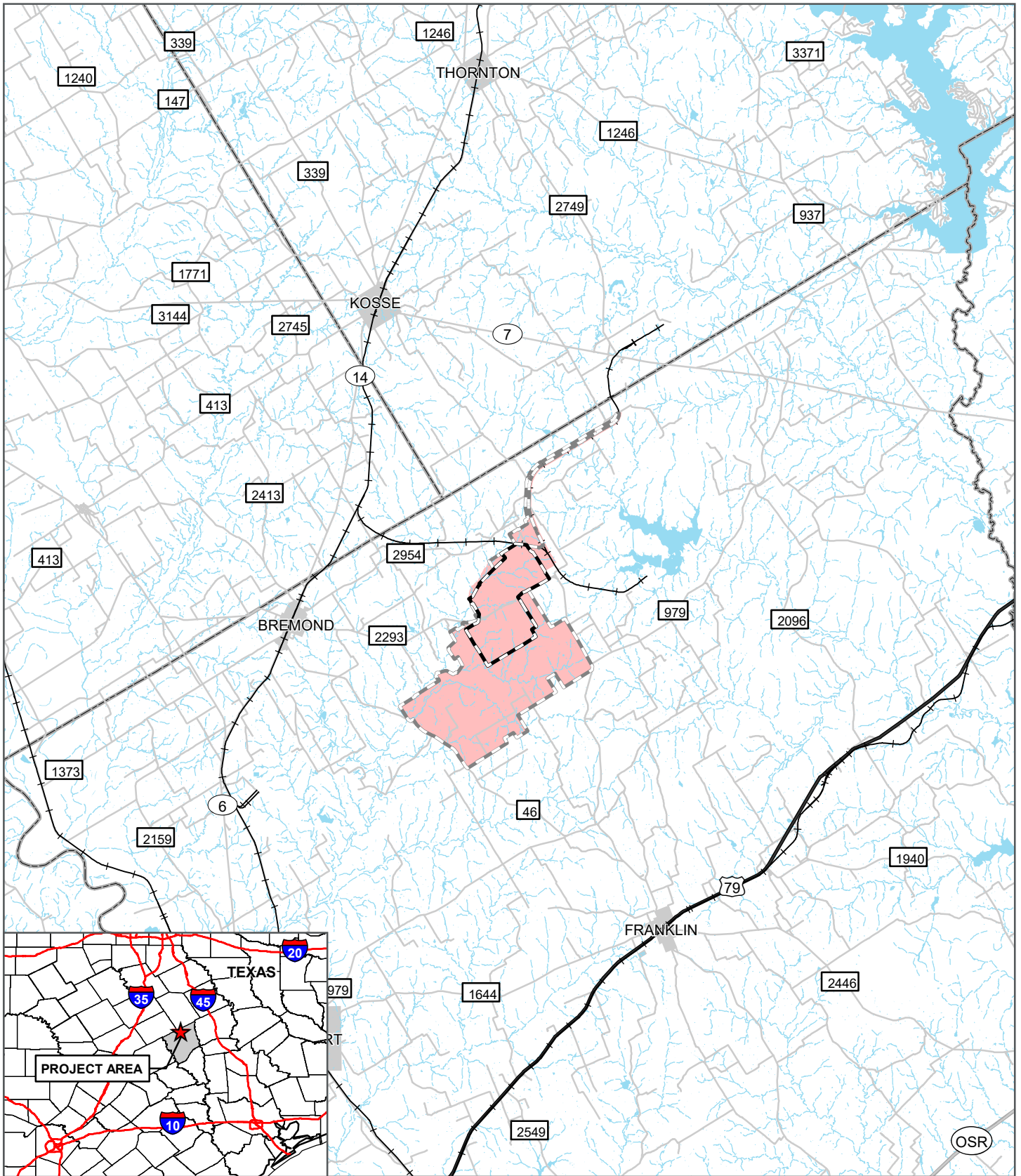
PUBLIC HEARING: Prior to the close of the comment period, any person may make a written request for a public hearing setting forth the particular reasons for the request. The District Engineer will determine whether the issues raised are substantial and should be considered in his permit decision. If a public hearing is warranted, all known interested persons will be notified of the time, date, and location.

CLOSE OF COMMENT PERIOD: All comments pertaining to this Public Notice must reach this office on or before July 30, 2018, which is the close of the comment period. Extensions of the comment period may be granted for valid reasons provided a written request is received by the limiting date. If no comments are received by that date, it will be considered that there are no objections. Comments and requests for additional information should be submitted to: Regulatory Division, CESWF-DE-R; U. S. Army Corps of Engineers; Post Office Box 17300; Fort Worth, Texas 76102-0300. You may visit the Regulatory Branch in Room 3A37 of the Federal Building at 819 Taylor Street in Fort Worth between 8:00 A.M. and 3:30 P.M., Monday

through Friday. Telephone inquiries should be directed to (817) 886-1731. Please note that names and addresses of those who submit comments in response to this public notice may be made publicly available.

DISTRICT ENGINEER
FORT WORTH DISTRICT
CORPS OF ENGINEERS

Attachment G
Required Drawings/Figures

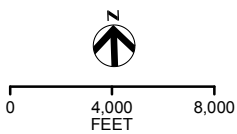
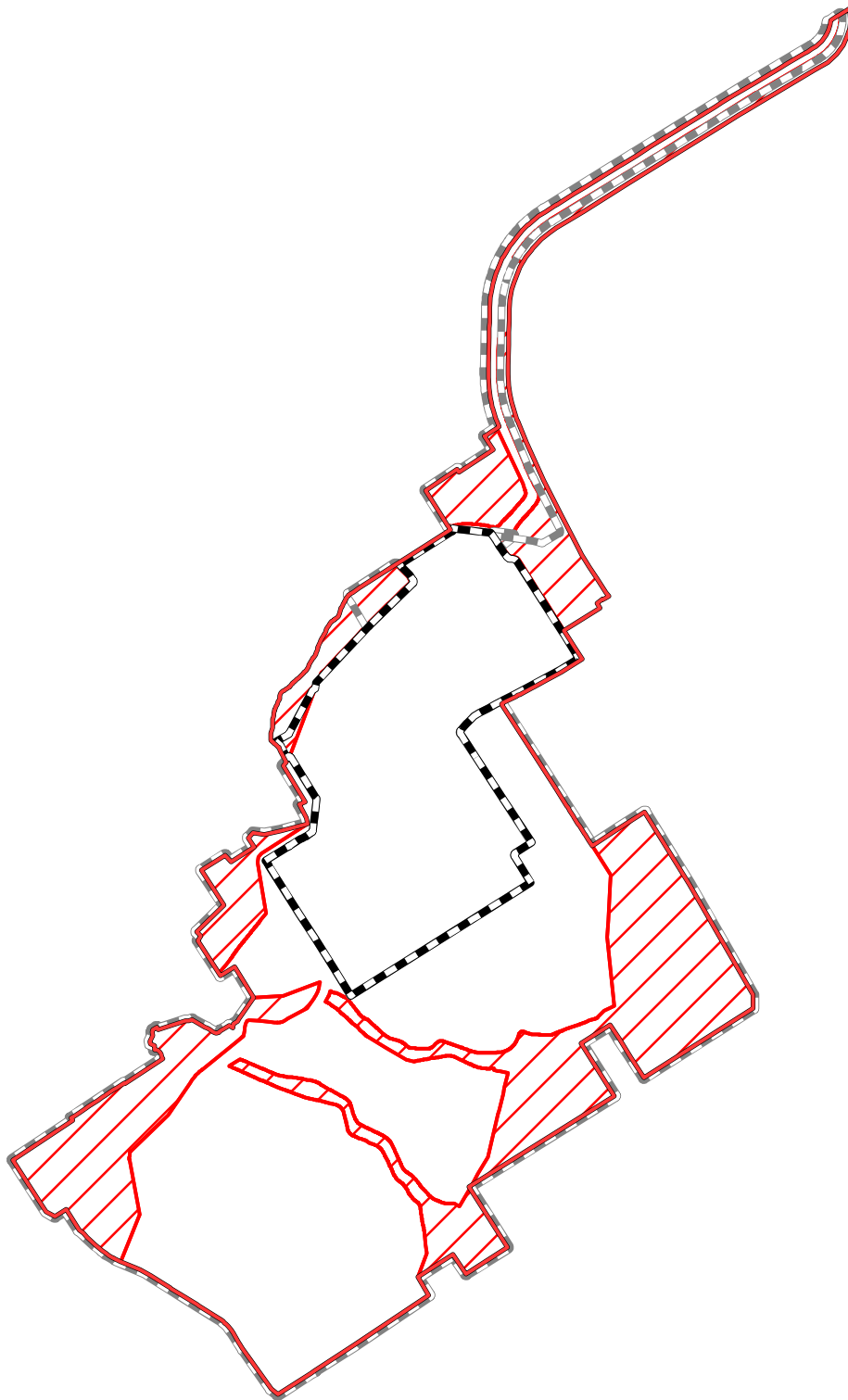







- BREMOND MINE RRC PERMIT BOUNDARY 49B
- PROPOSED RRC EXPANSION
- PROPOSED PROJECT AREA (USACE NO. SWF-2016-00335)
- COUNTY BOUNDARY
- CITY LIMITS
- INTERSTATE HIGHWAY
- U.S. HIGHWAY
- ROAD
- RAILROAD
- STREAM
- WATERBODY

GENERAL LOCATION MAP
 INDIVIDUAL PERMIT
 BREMOND MINE
 USACE PROJECT NO. SWF-2016-00335



ATTACHMENT G
 FIGURE 1

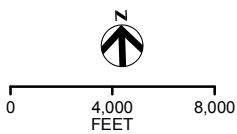
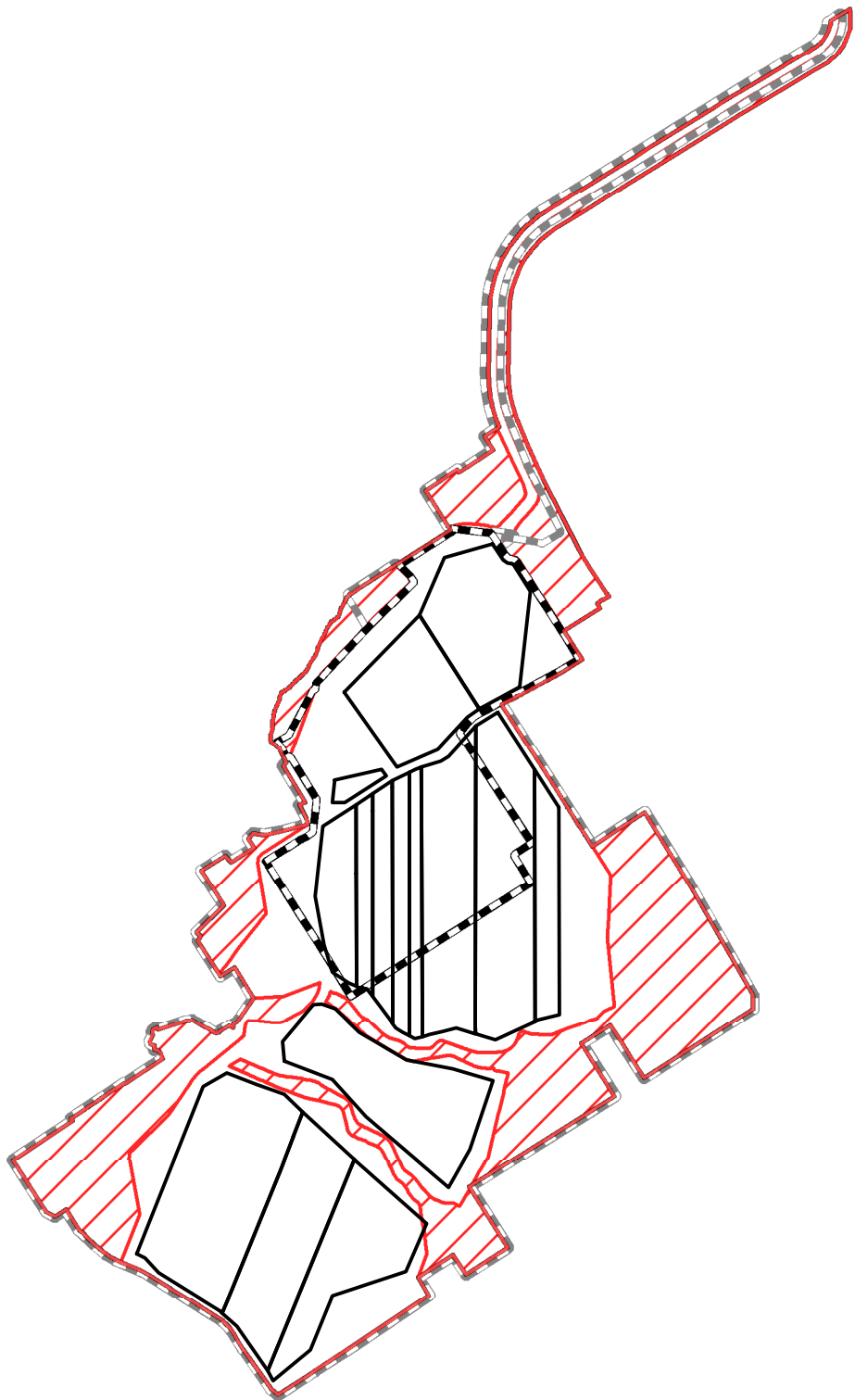








-  BREMOND MINE RRC PERMIT 49B BOUNDARY
-  PROPOSED RRC EXPANSION
-  PROPOSED PROJECT AREA (USACE NO. SWF-2016-00335)
-  IMPACT AREA
-  AVOIDANCE AREA

PROPOSED USACE AUTHORIZATION
 INDIVIDUAL PERMIT
 BREMOND MINE
 USACE PROJECT NO. SWF-2016-00335

ATTACHMENT G
 FIGURE 2



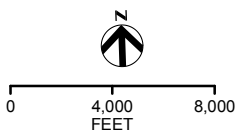
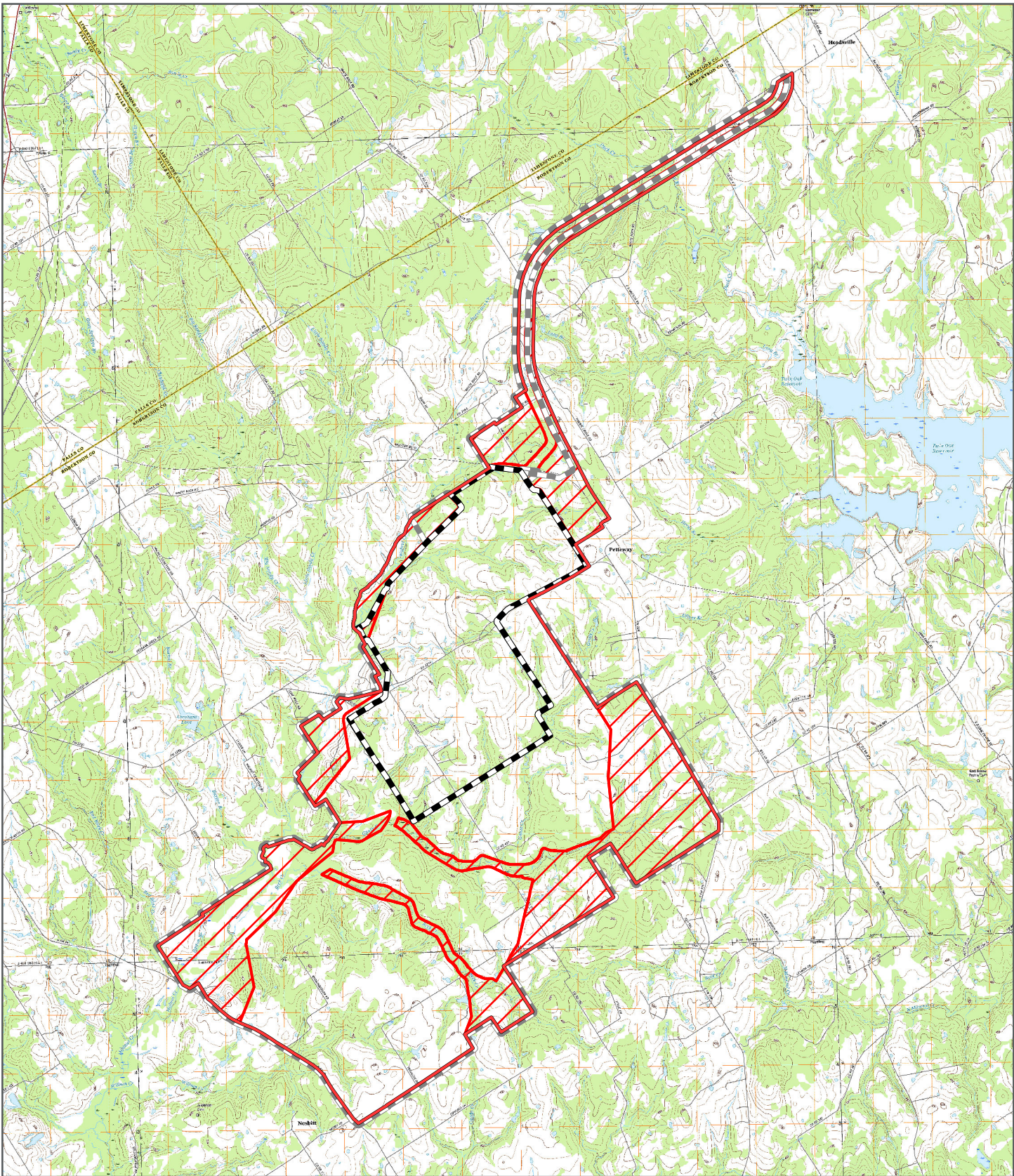







-  BREMOND MINE RRC PERMIT 49B BOUNDARY
-  PROPOSED RRC EXPANSION
-  PROPOSED PROJECT AREA (USACE NO. SWF-2016-00335)
-  IMPACT AREA
-  AVOIDANCE AREA
-  MINE BLOCKS

**PROJECTED SEQUENCE
OF MINING**
INDIVIDUAL PERMIT
BREMOND MINE
USACE PROJECT NO. SWF-2016-00335

ATTACHMENT G
FIGURE 3





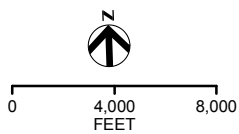
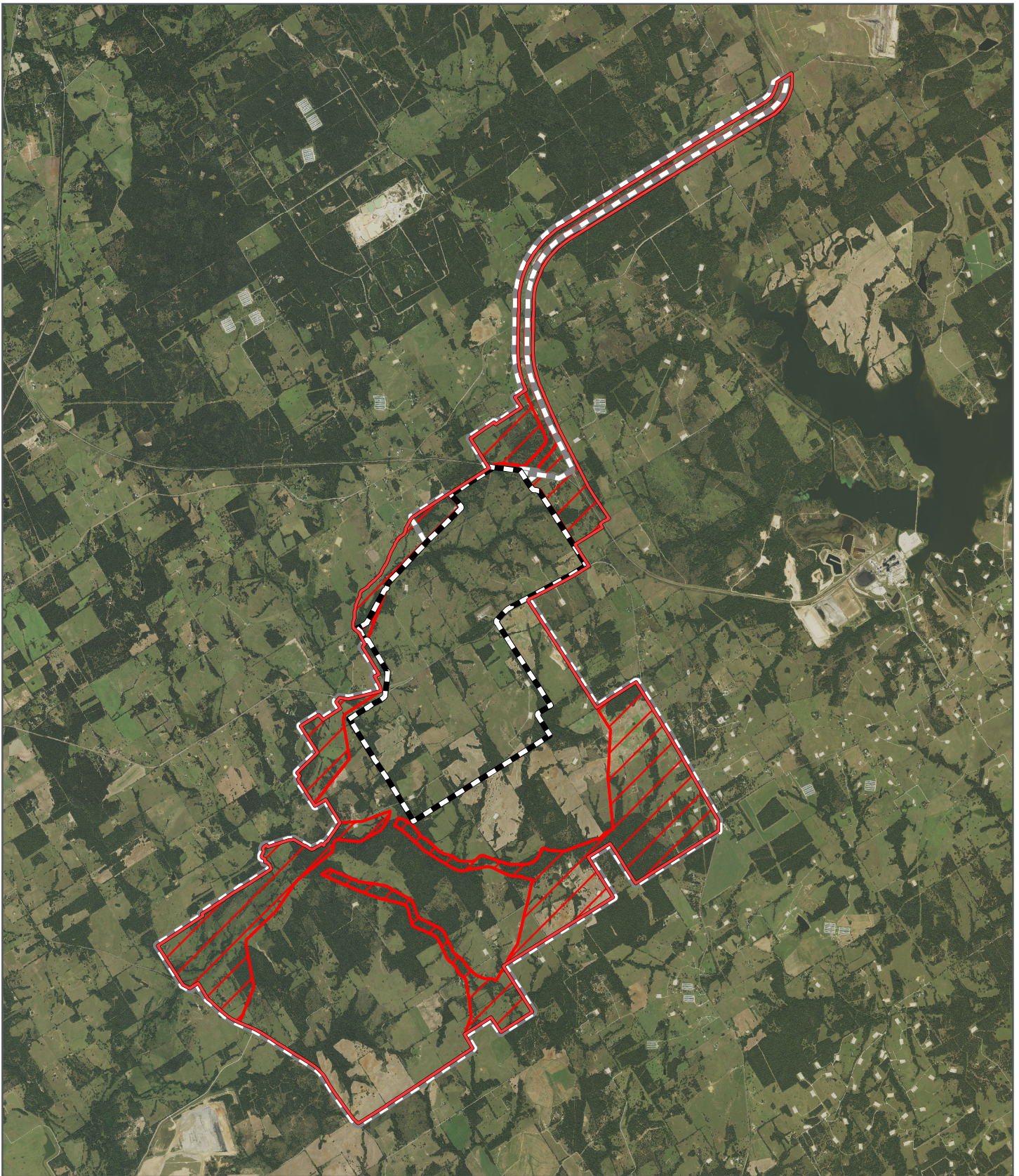
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-  IMPACT AREA
-  AVOIDANCE AREA





TOPOGRAPHIC FEATURES

INDIVIDUAL PERMIT
BREMOND MINE
USACE PROJECT NO. SWF-2016-00335



ATTACHMENT G
FIGURE 4



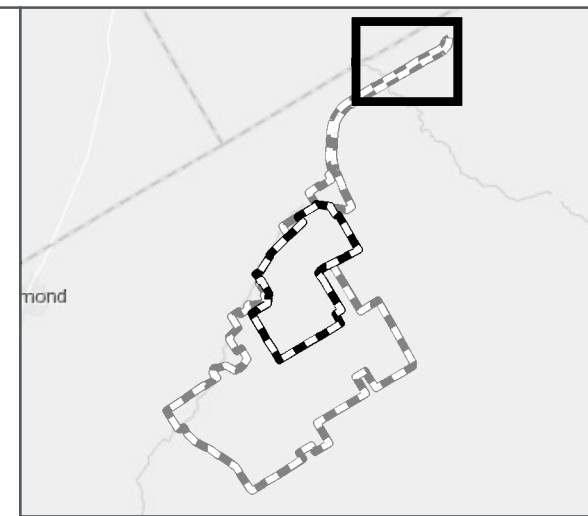
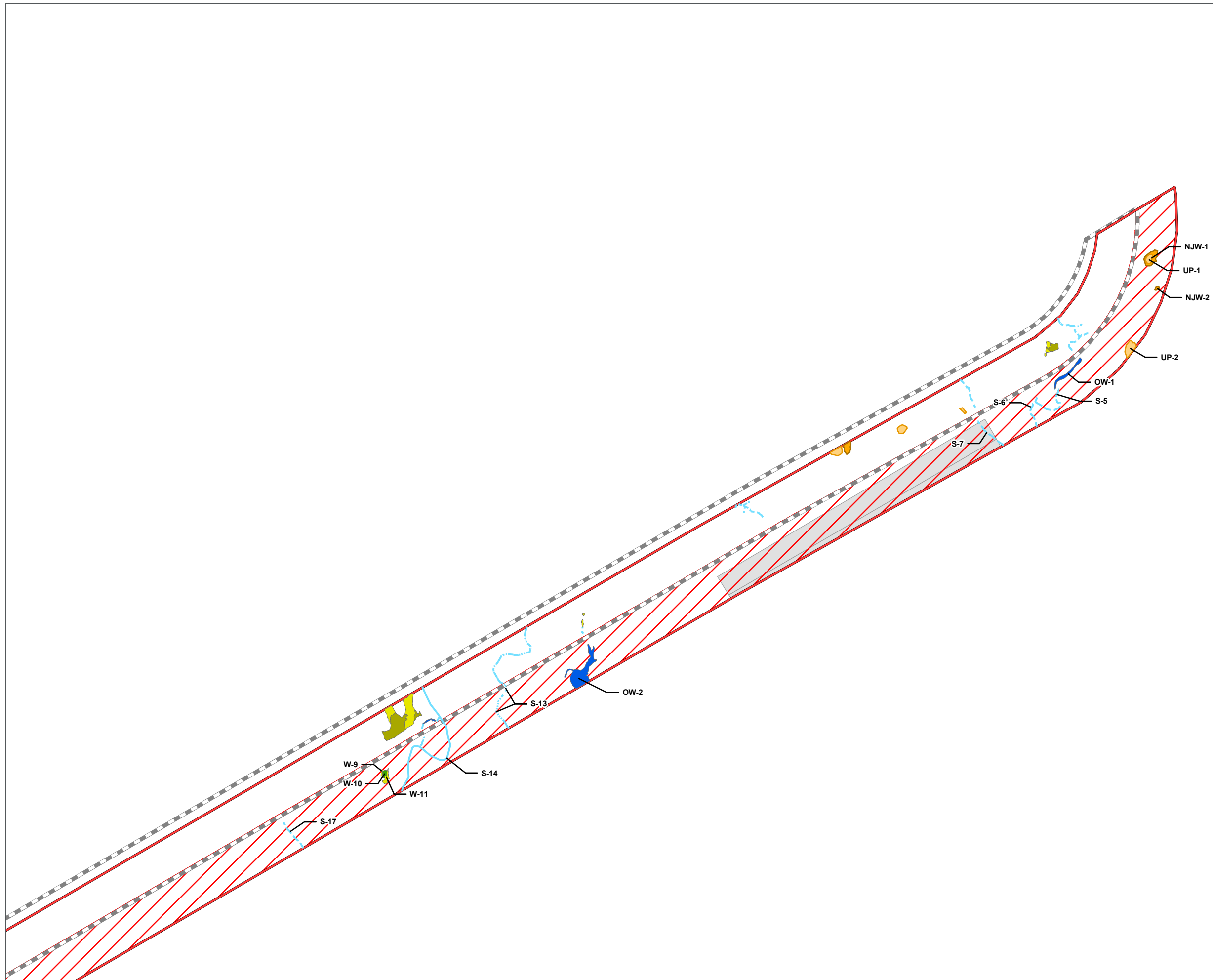
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-  PROPOSED RRC EXPANSION
-  PROPOSED PROJECT AREA (USACE NO. SWF-2016-00335)
-  PROPOSED AVOIDANCE AREA

AERIAL PHOTOGRAPH
 INDIVIDUAL PERMIT
 BREMOND MINE
 USACE PROJECT NO. SWF-2016-00335



AERIAL SOURCE: NATIONAL AGRICULTURE IMAGERY PROGRAM, 2016

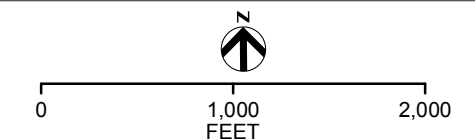
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 FIGURE 6



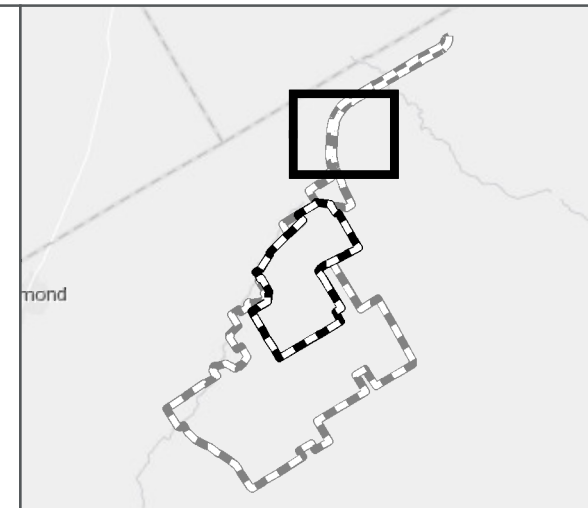
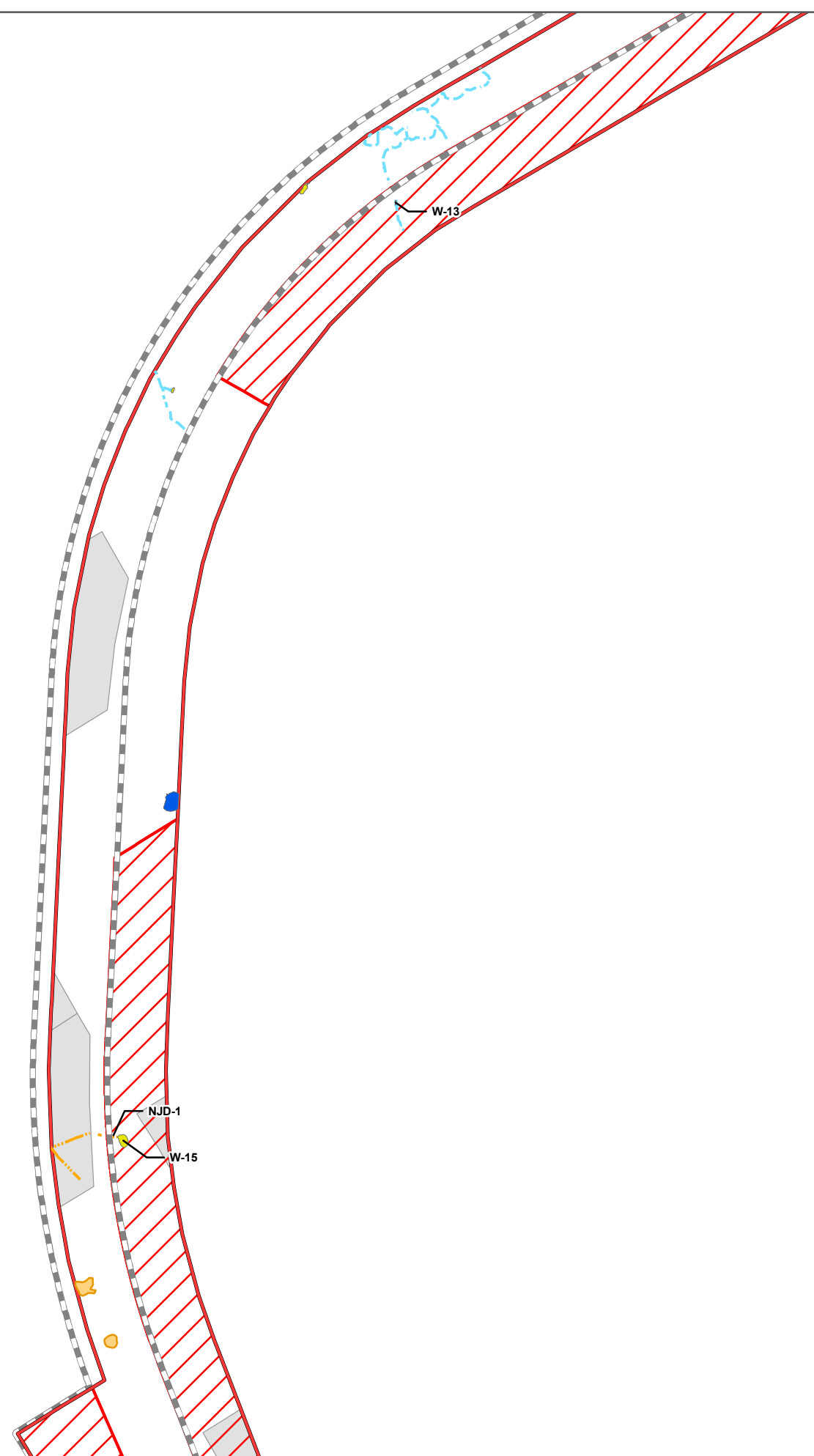
- WATERS OF THE U.S.**
- EPHEMERAL STREAM
 - INTERMITTENT STREAM
 - PERENNIAL STREAM
 - FORESTED WETLANDS
 - SCRUB-SHRUB WETLANDS
 - EMERGENT WETLANDS
 - OPEN WATERS
- FEATURES NOT WATERS OF THE U.S.**
- BREMOND MINE RRC PERMIT 49B BOUNDARY
 - PROPOSED RRC EXPANSION AREA
 - PROPOSED PROJECT AREA (USACE NO. SWF-2016-00335)
 - PROPOSED IMPACT AREA
 - PROPOSED AVOIDANCE AREA
 - NON-JURISDICTIONAL DRAINAGE
 - NON-JURISDICTIONAL WETLAND
 - UPLAND POND
 - NO ACCESS

NOTE: WATERS OF THE U.S. WITHIN THE PROPOSED PROJECT AREA DELINEATED BY BLANTON AND ASSOCIATES IN 2017.

AVOIDANCE AREA
 INDIVIDUAL PERMIT
 BREMOND MINE
 USACE PROJECT NO. SWF-2016-00335



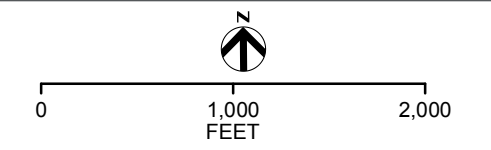
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 FIGURE 7-1



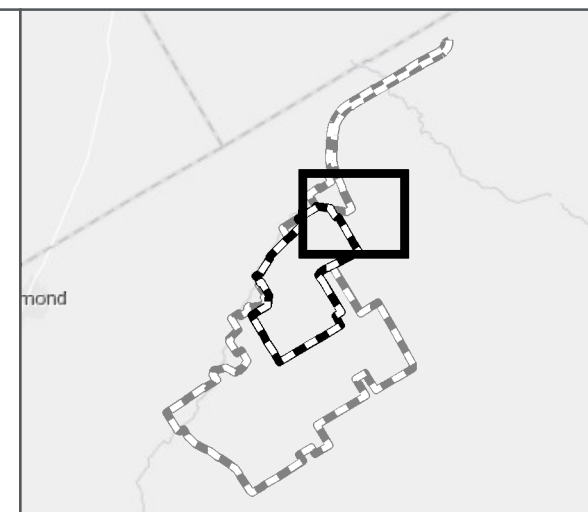
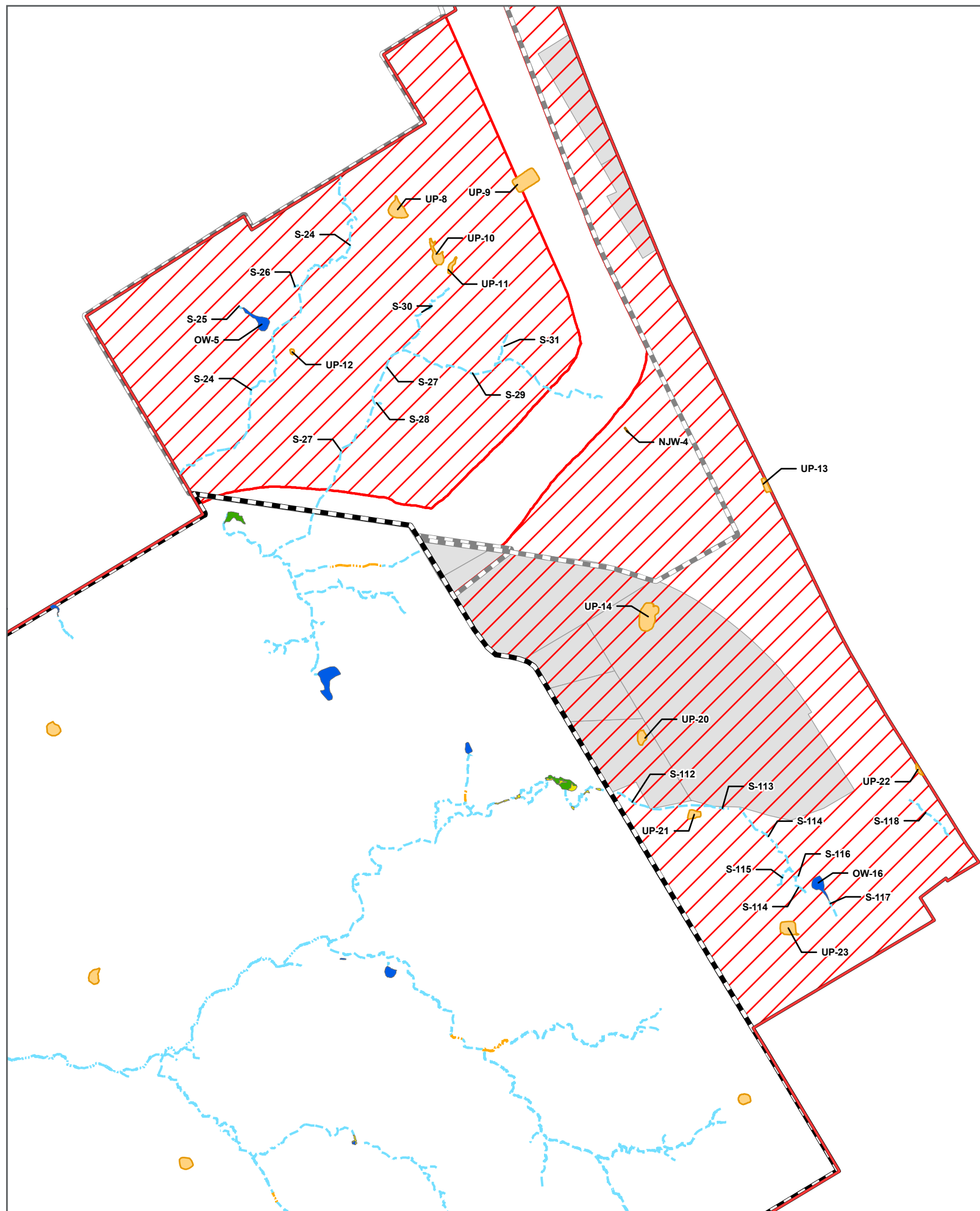
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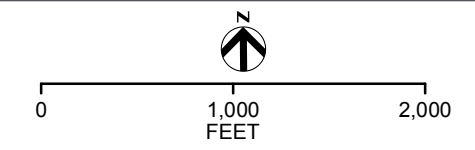
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 FIGURE 7-2



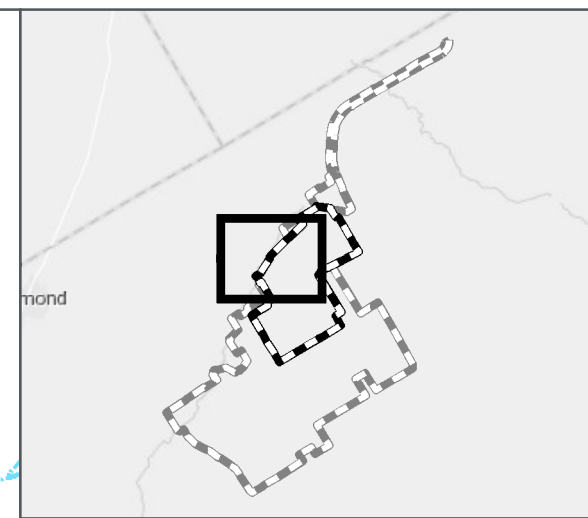
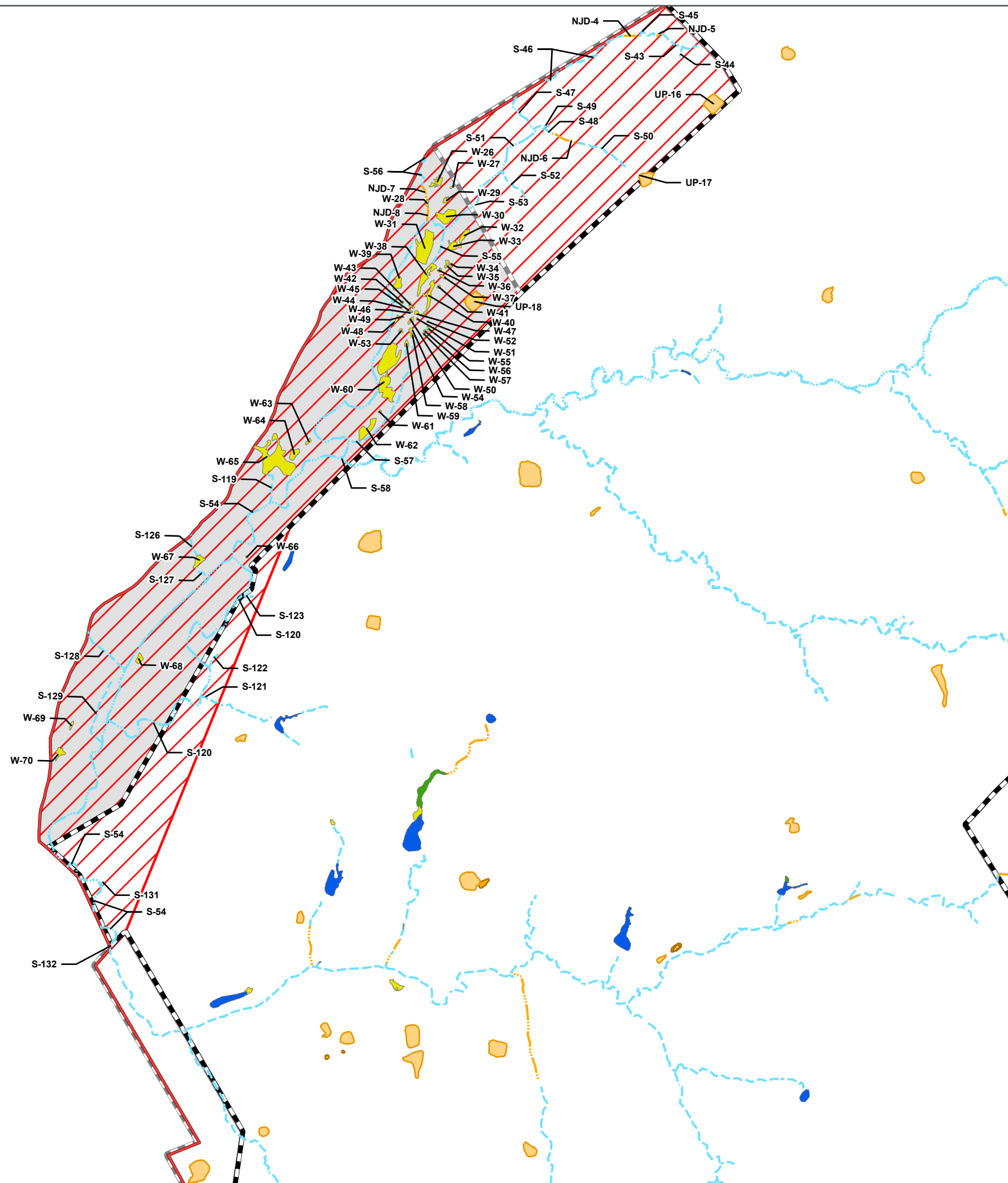
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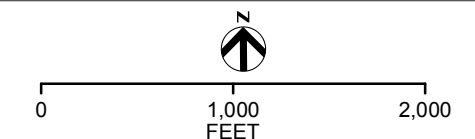
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 FIGURE 7-3



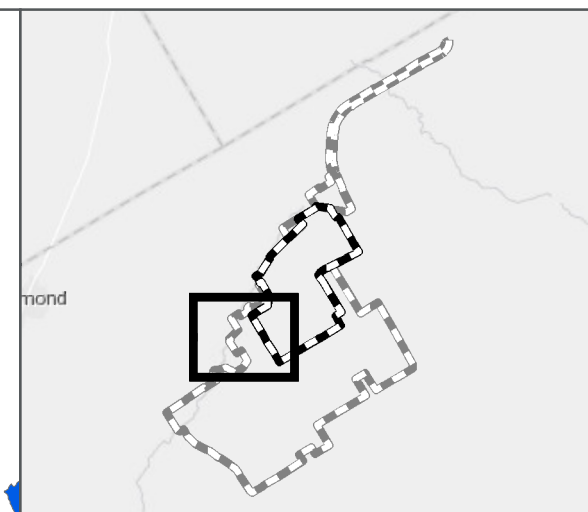
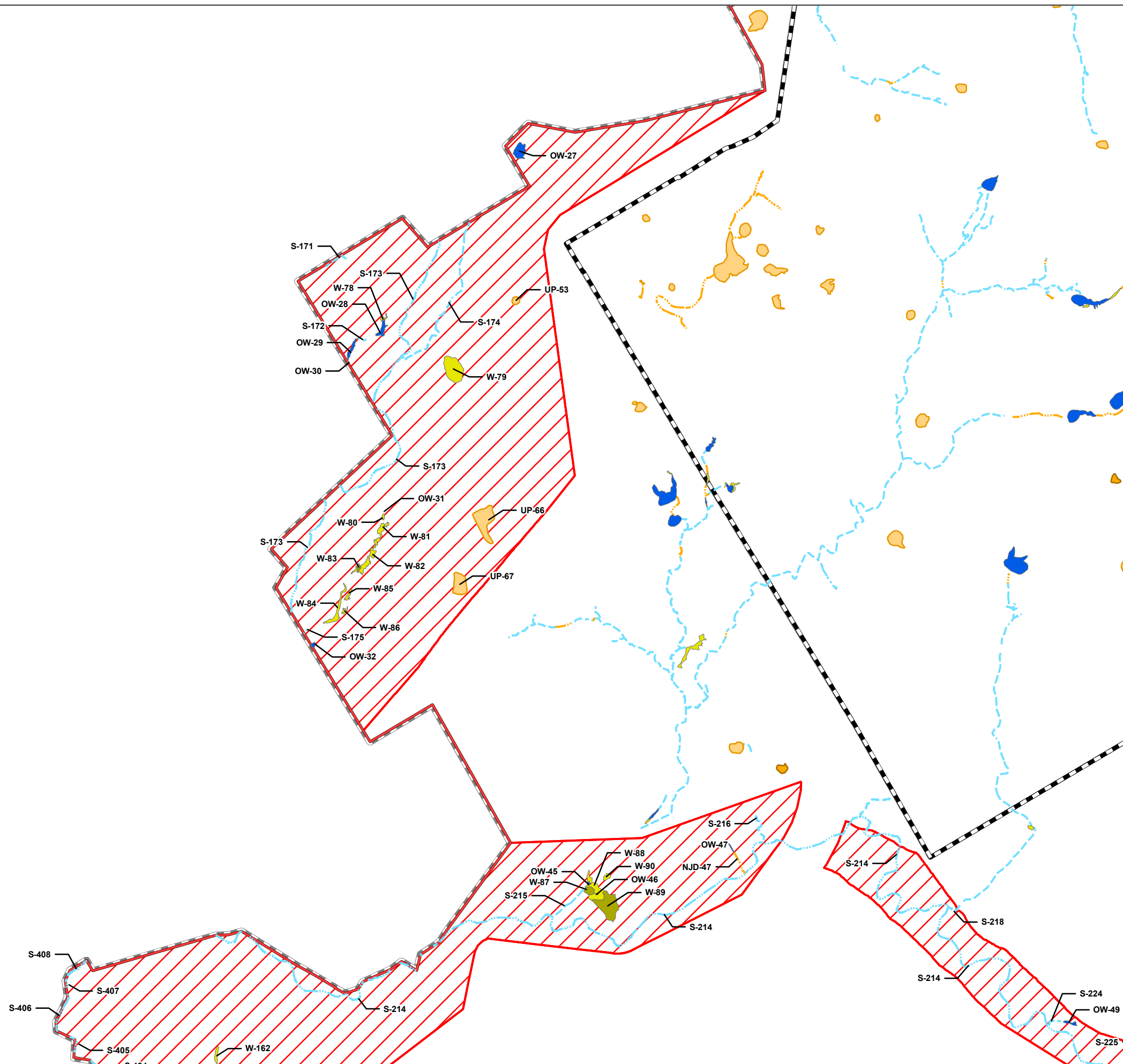
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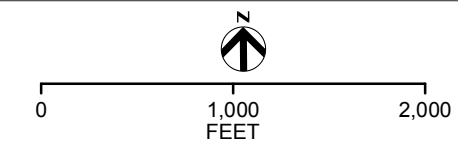
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 FIGURE 7-4



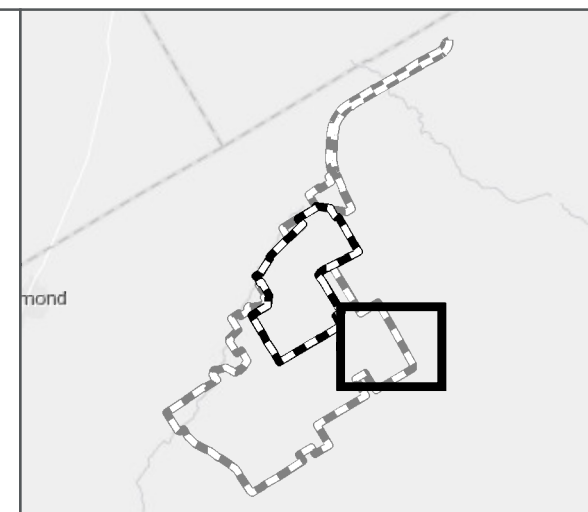
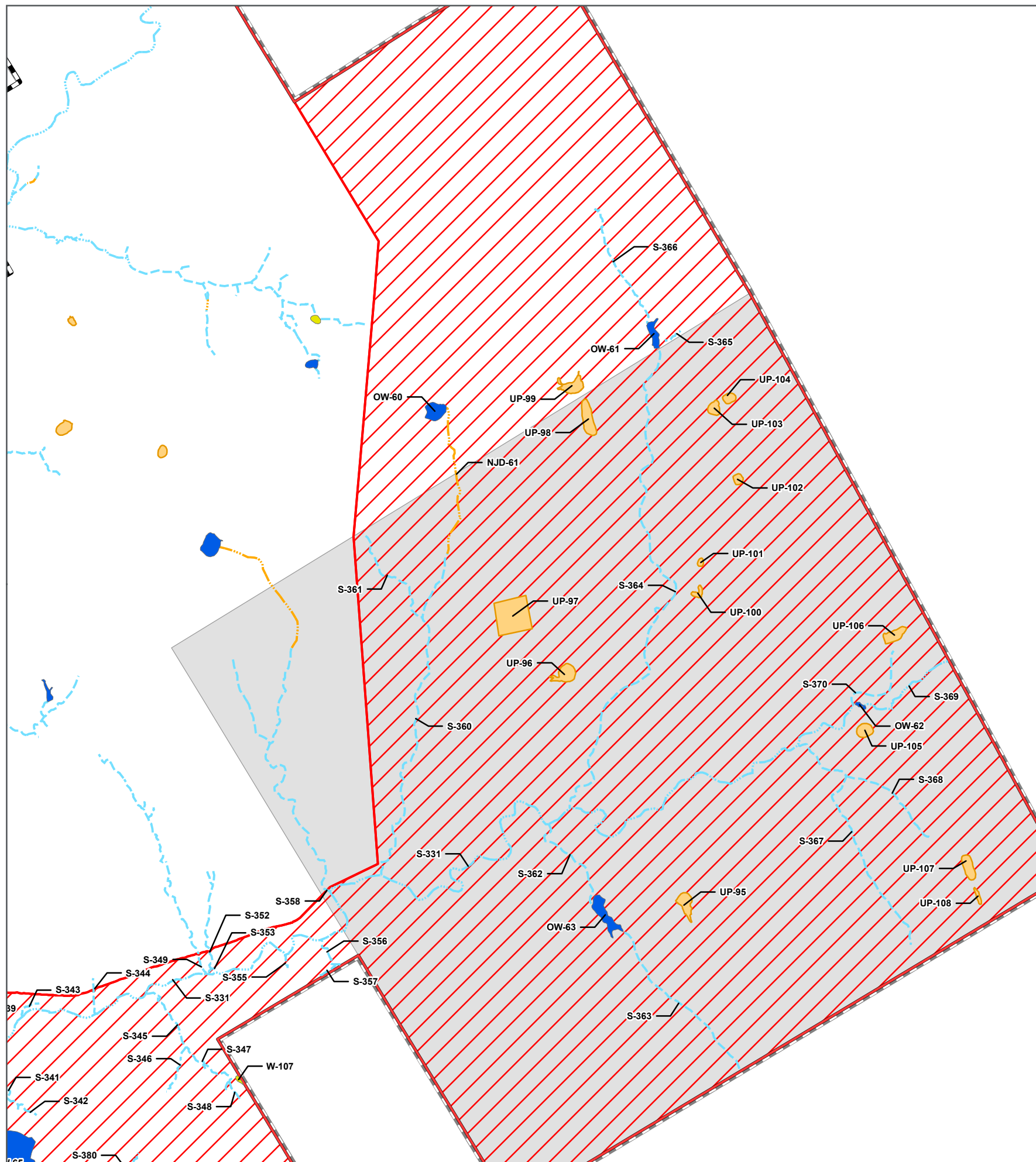
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 - SCRUB-SHRUB WETLANDS
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 - UPLAND POND
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AVOIDANCE AREA
 INDIVIDUAL PERMIT
 BREMOND MINE
 USACE PROJECT NO. SWF-2016-00335



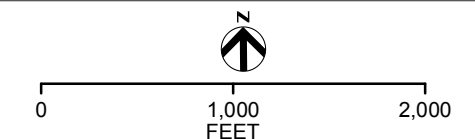
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 FIGURE 7-5

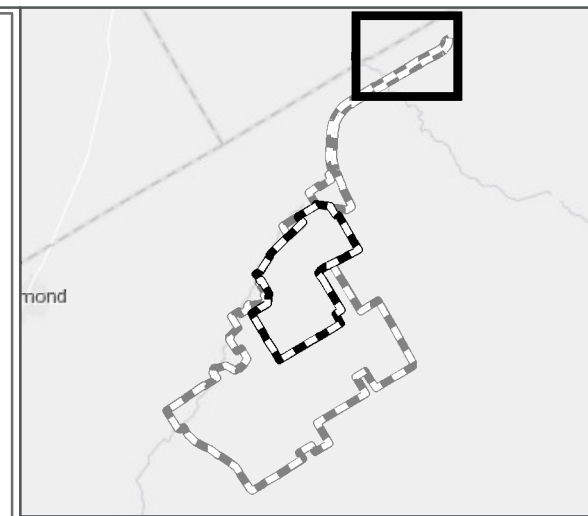
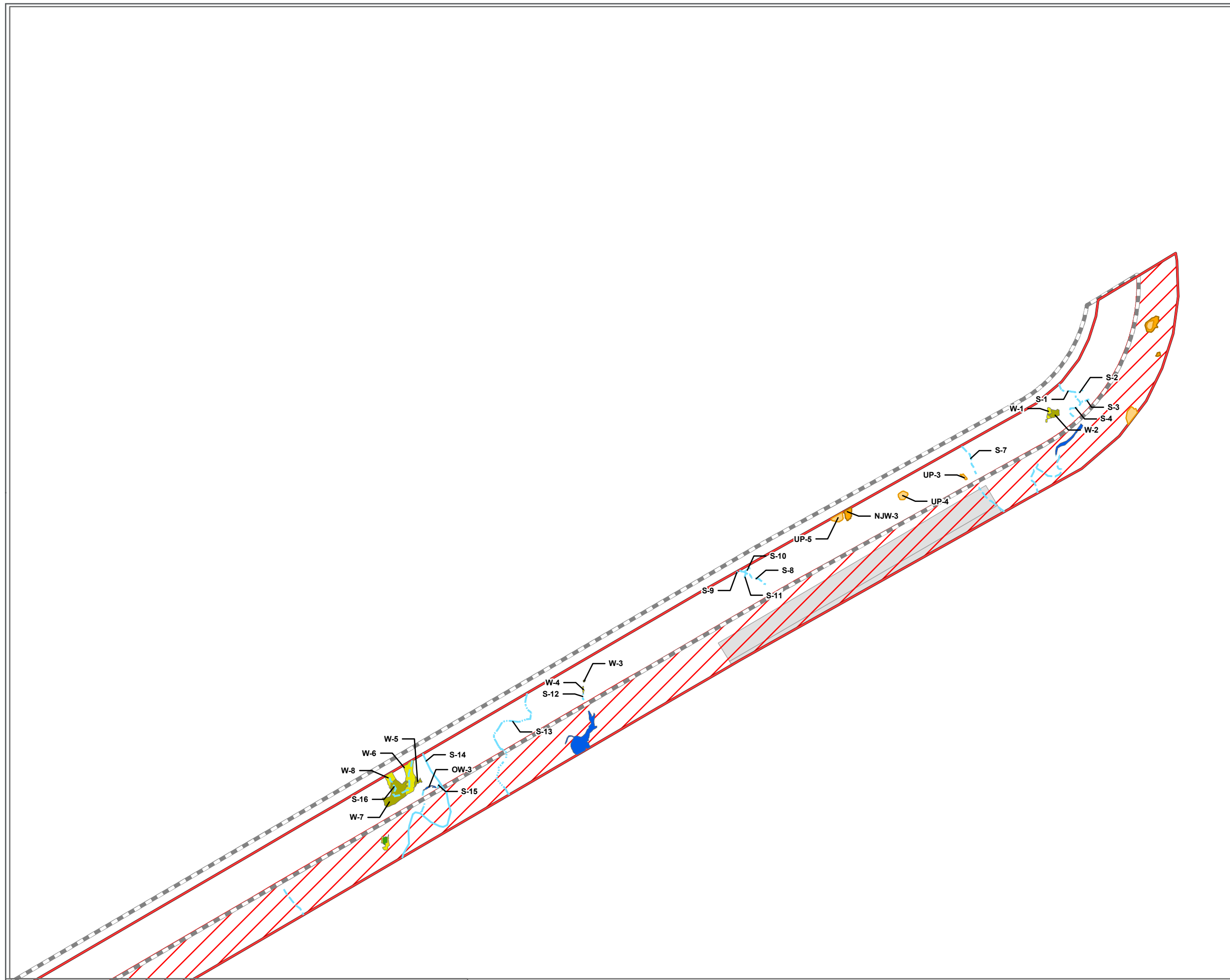


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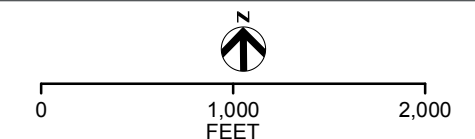




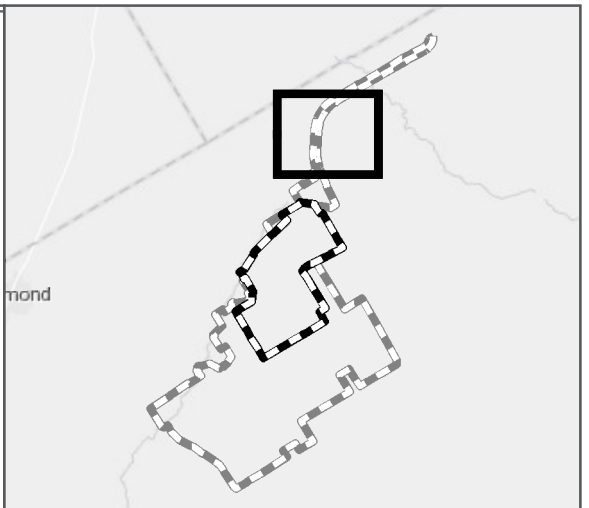
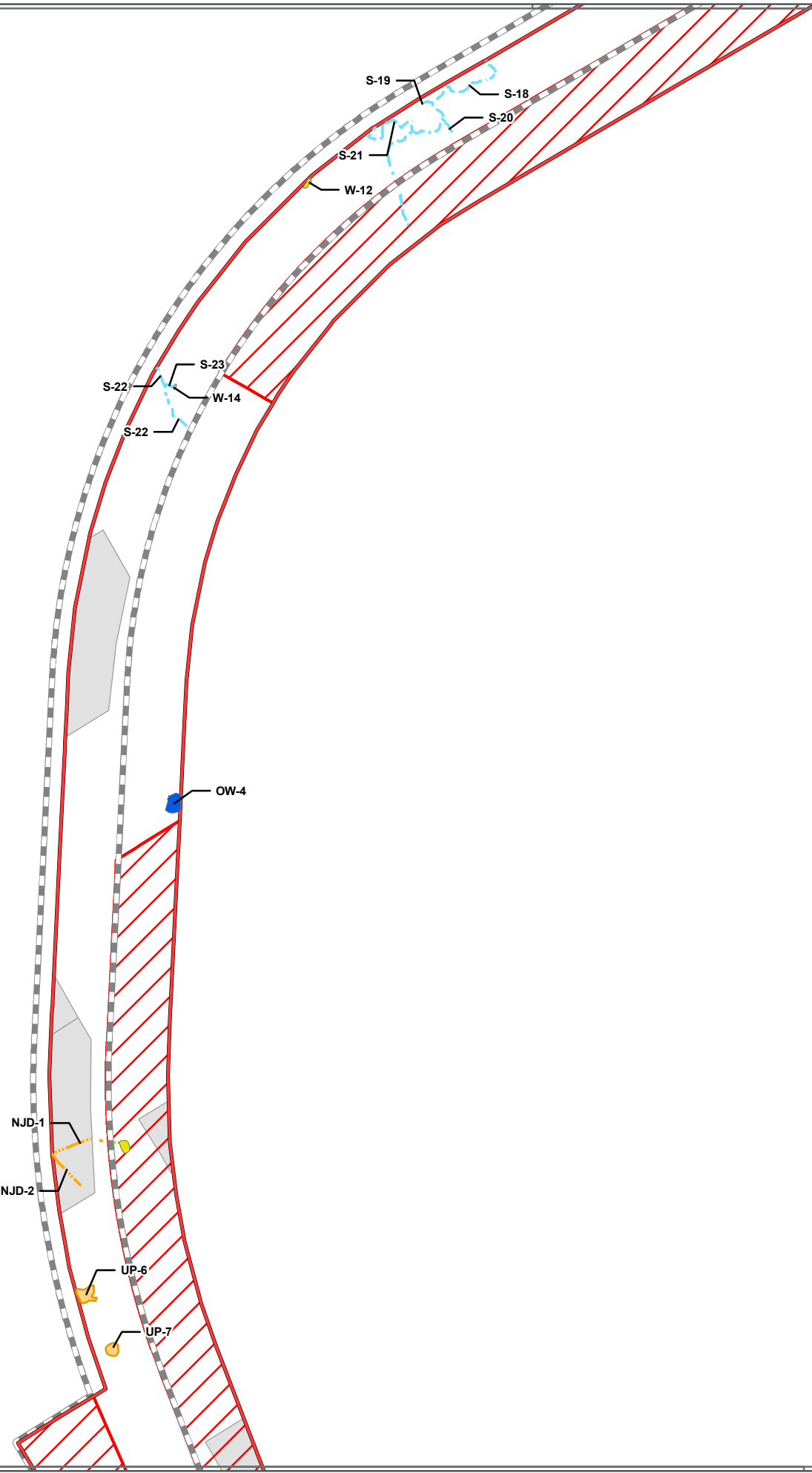
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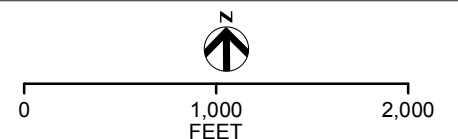
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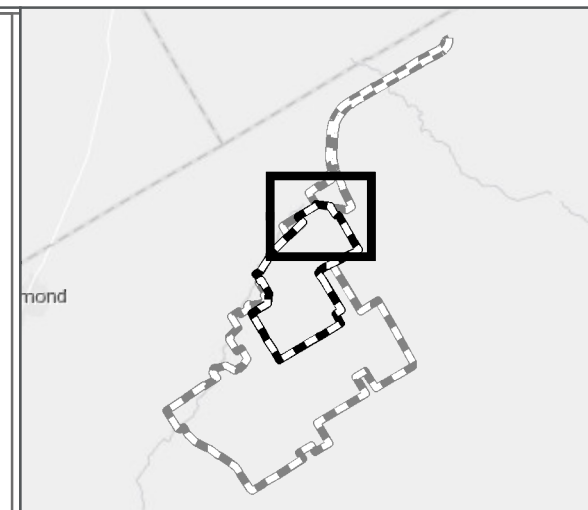
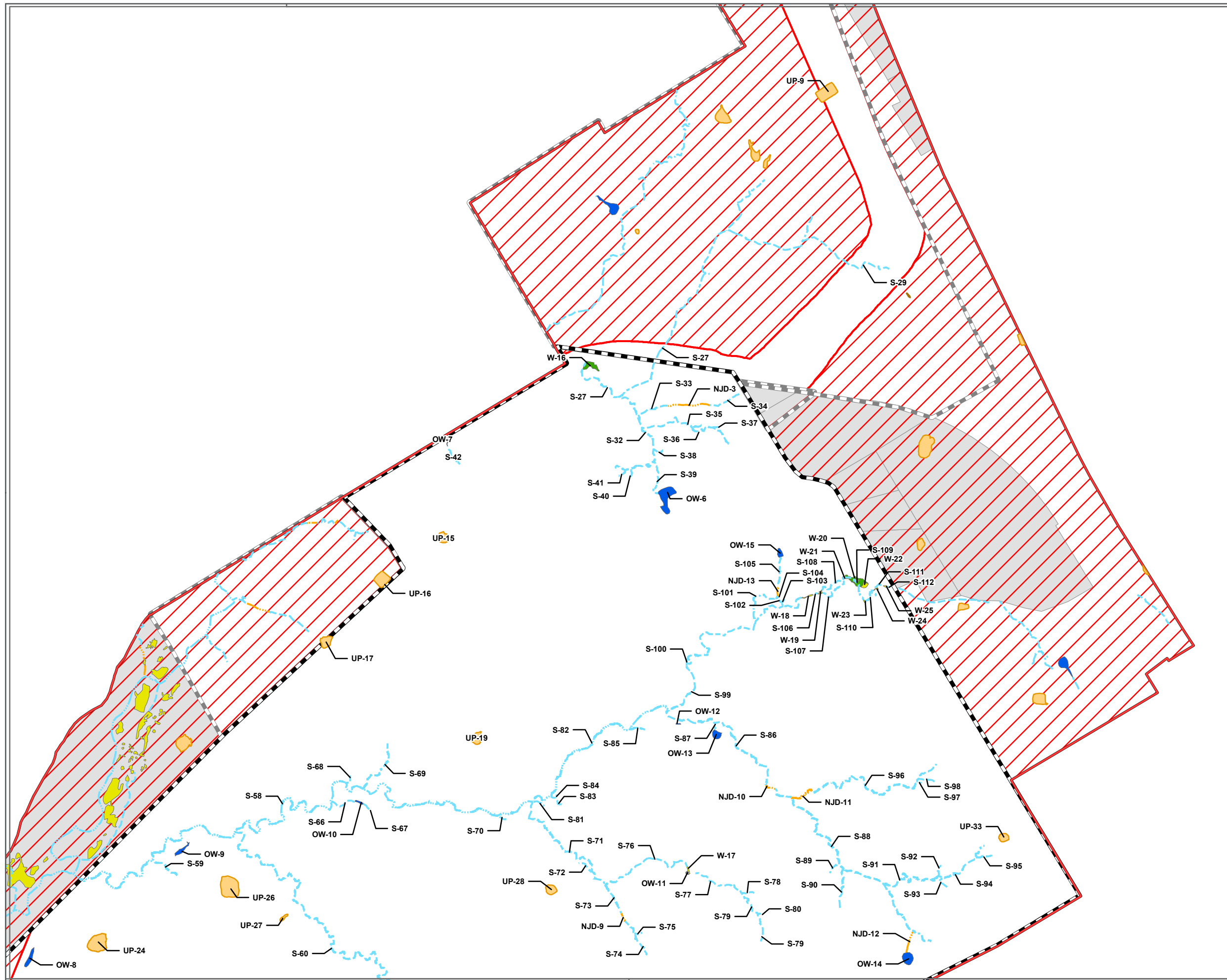


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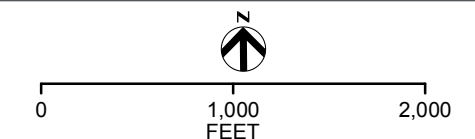




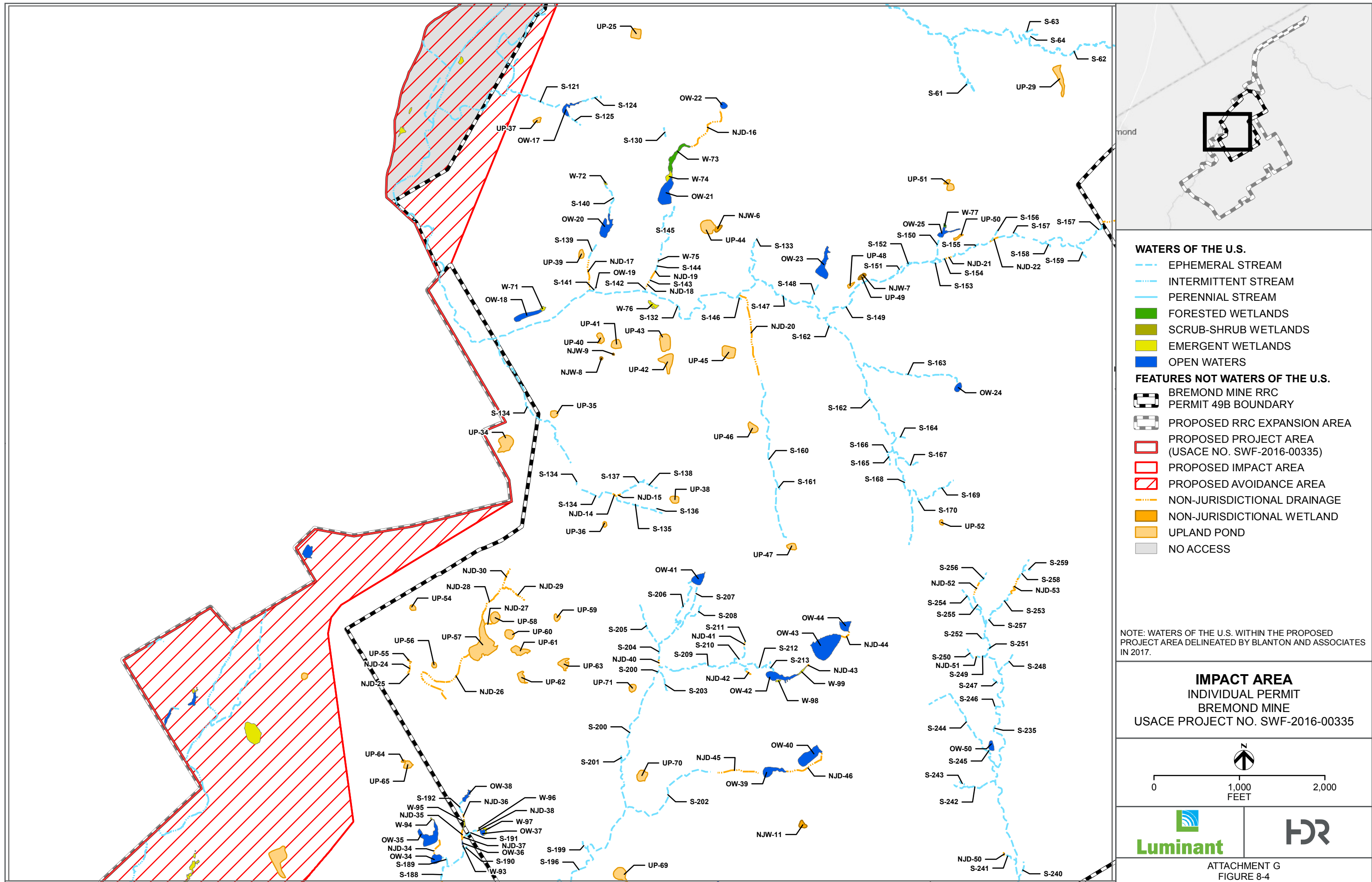
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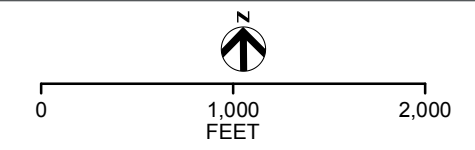
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FIGURE 8-3



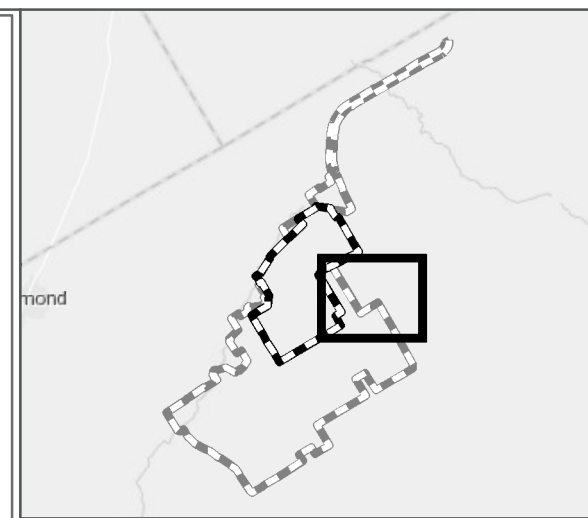
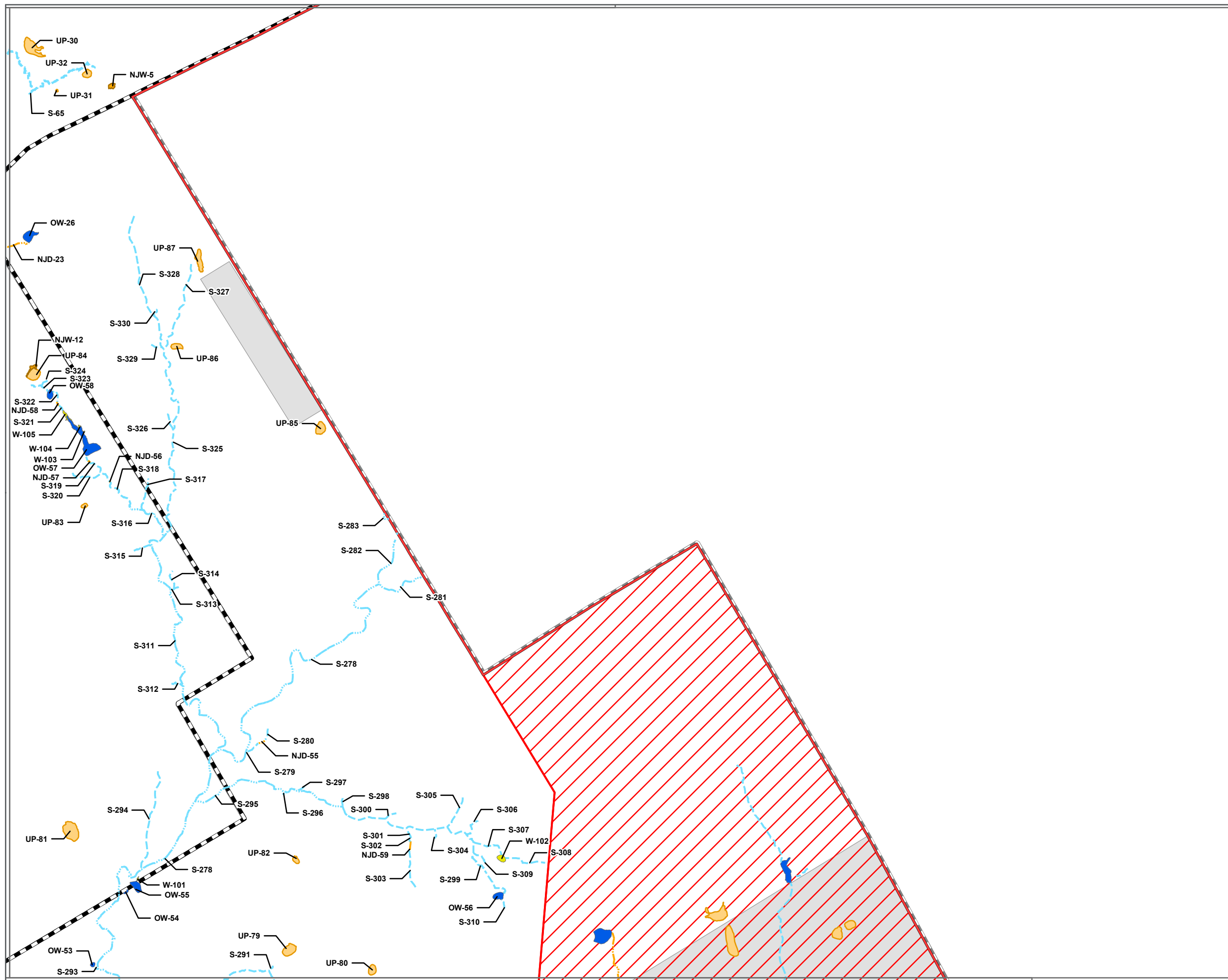
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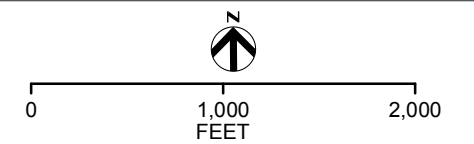
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 FIGURE 8-4



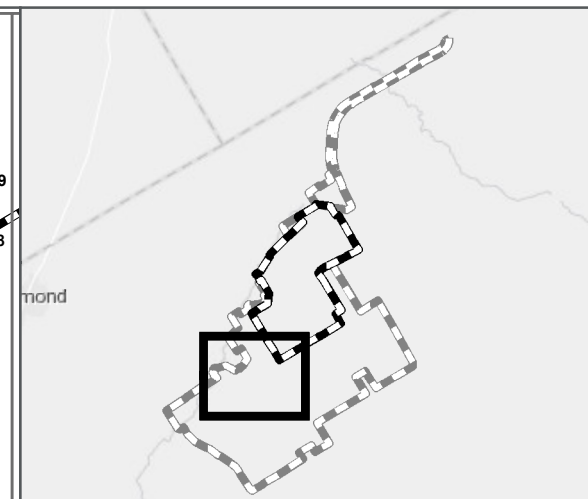
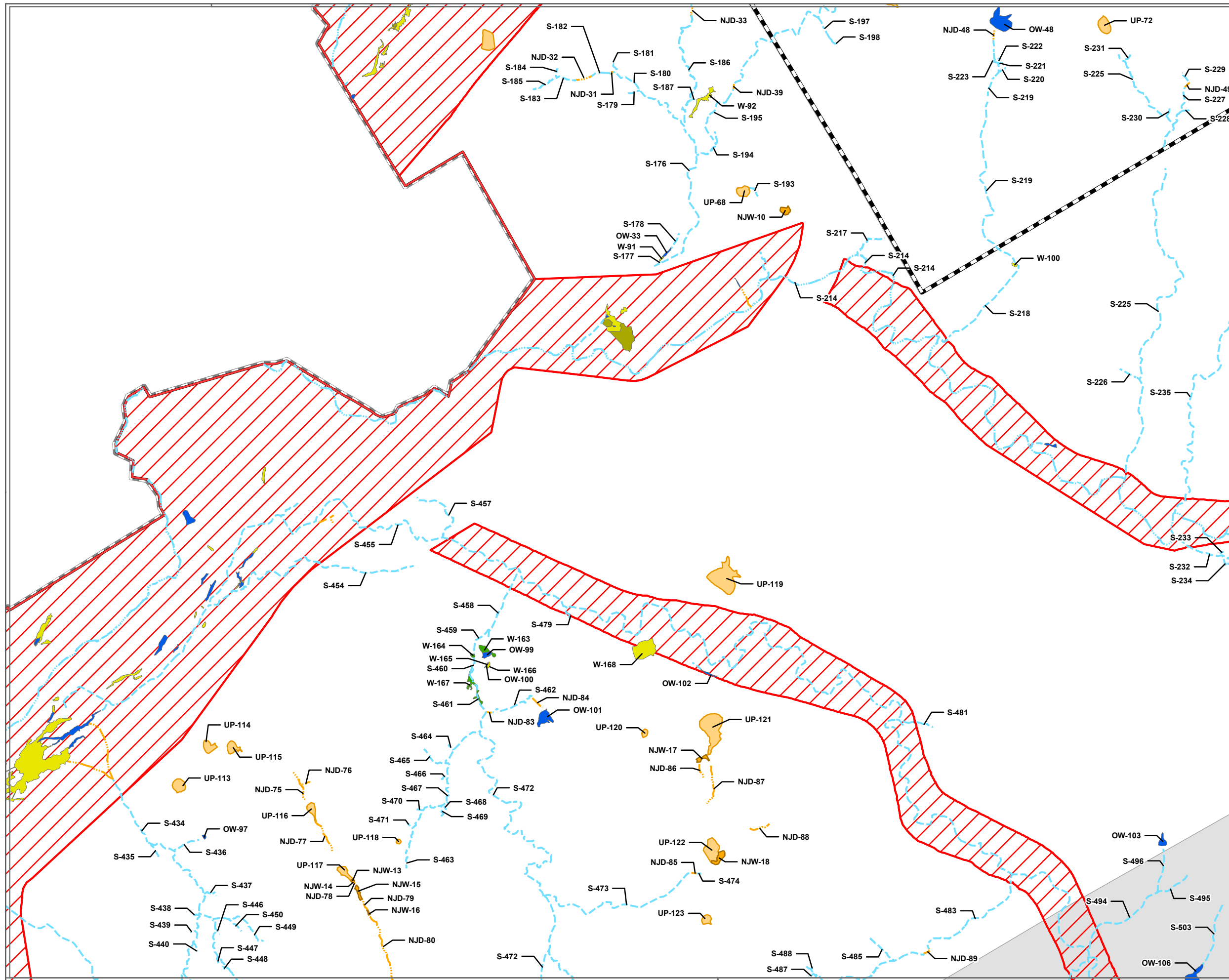
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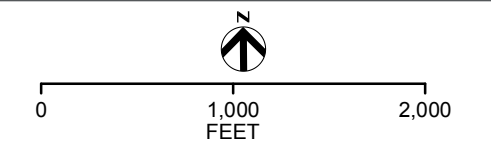
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 FIGURE 8-5



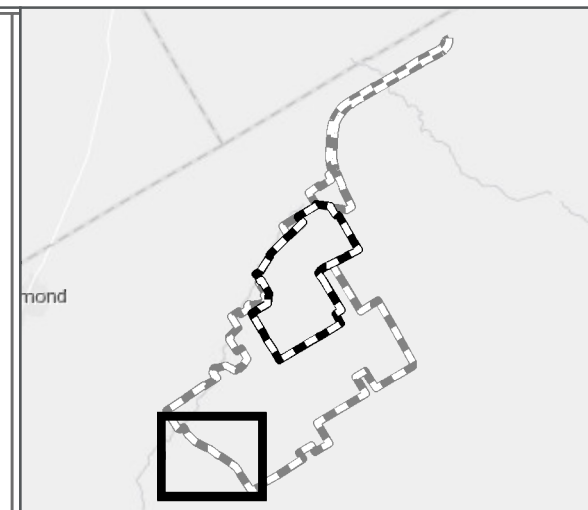
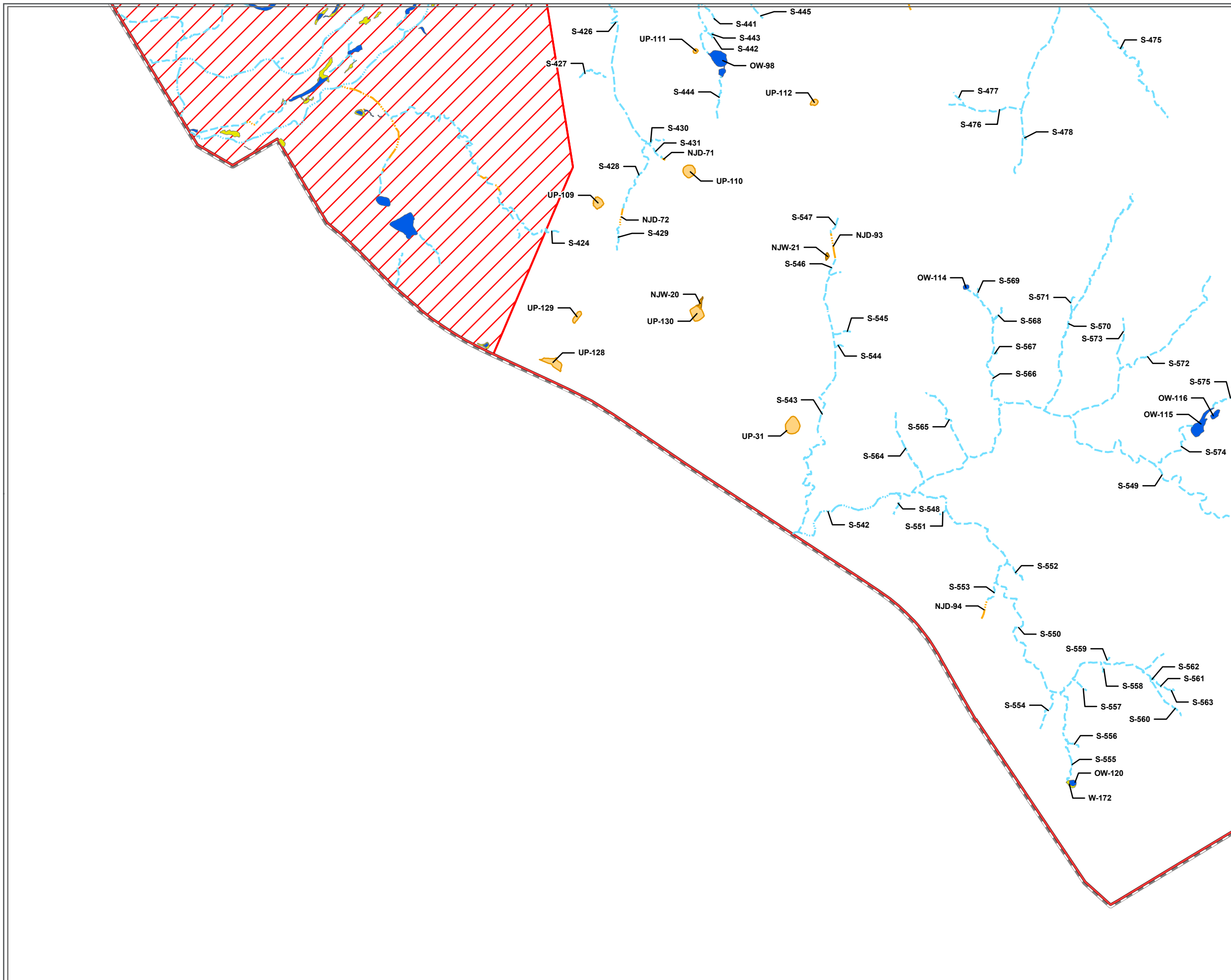
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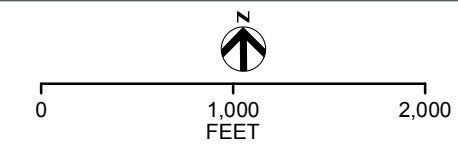
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FIGURE 8-6



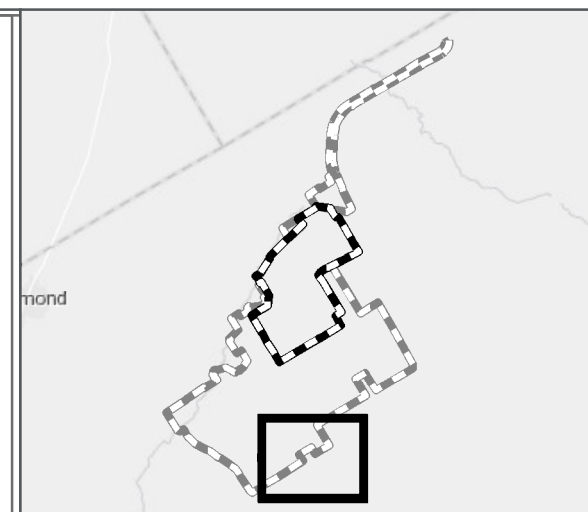
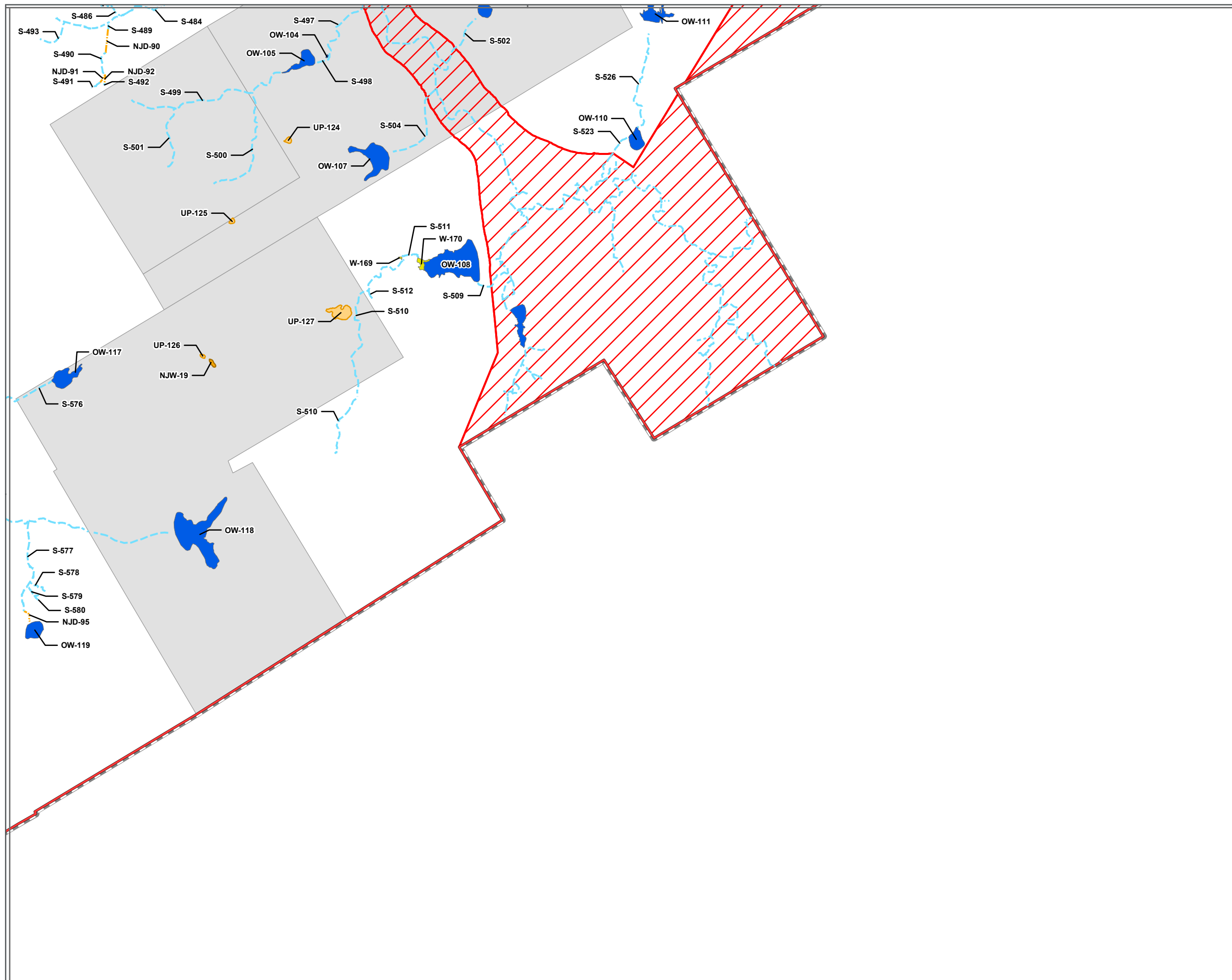
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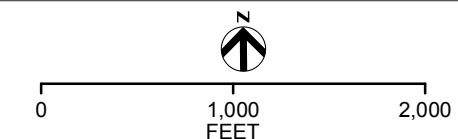
ATTACHMENT G
 FIGURE 8-8



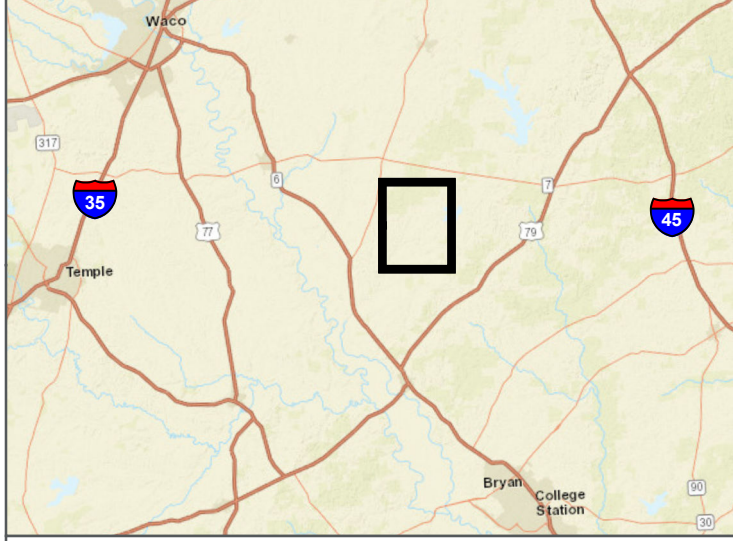
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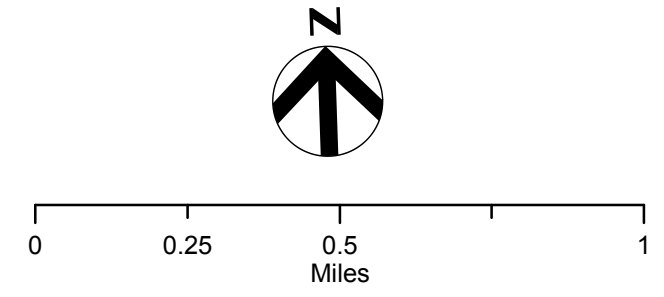
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ATTACHMENT G
 FIGURE 8-9

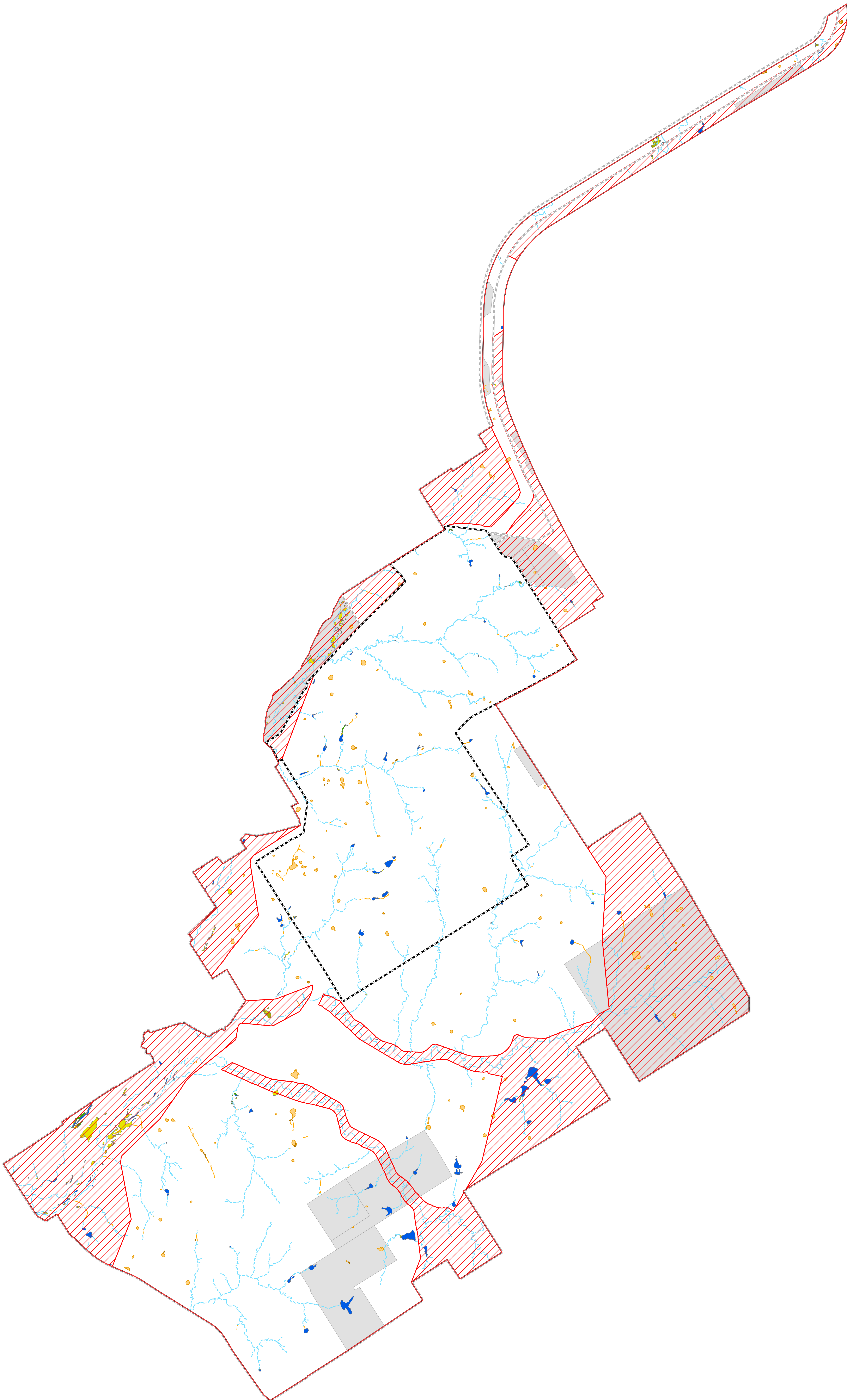


- | | | | | |
|---------------------------|----------------------|--|--|-----------------------------|
| WATERS OF THE U.S. | | FEATURES NOT WATERS OF THE U.S. | | |
| EPHEMERAL STREAM | FORESTED WETLANDS | BREMOND MINE RRC PERMIT 49B BOUNDARY | PROPOSED PROJECT AREA (USACE NO. SWF-2016-00335) | NON-JURISDICTIONAL DRAINAGE |
| INTERMITTENT STREAM | SCRUB-SHRUB WETLANDS | PROPOSED RRC EXPANSION | PROPOSED IMPACT AREA | NON-JURISDICTIONAL WETLAND |
| PERENNIAL STREAM | EMERGENT WETLANDS | NO ACCESS | PROPOSED AVOIDANCE AREA | UPLAND POND |
| | OPEN WATERS | | | |



ATTACHMENT G
 PLATE 1

NOTE: WATERS OF THE U.S. WITHIN THE PROPOSED PROJECT AREA DELINEATED BY BLANTON AND ASSOCIATES IN 2017.



Information to be provided when it becomes available will be from the Bremond Mine Railroad Commission of Texas permit application, which is scheduled for submittal in the third quarter of 2018.

Plate

125-1

Life of Mine

Attachment E

**Table of Waters of the U.S. Impacted
by the Proposed Project**

Supporting Information Part III, Box 7 Impacts to Waters of the U.S.

Impacts Analysis

Note to reader: This Individual Permit (IP) application (including the Conceptual Mitigation Plan [CMP], **Attachment J**), required under Section 404 of the Clean Water Act to authorize impacts to waters of the U.S., is paired with the Surface Mining Control and Reclamation Act of 1977 (SMCRA) permit application, which allows mining impacts to proceed. With this in mind, the IP application is designed to reflect the requirements of both Section 404 of the Clean Water Act (CWA) and SMCRA. These documents should be reviewed together since various parts of each document rely on the information in the other. References between documents is warranted, acceptable, and expected due to the size of the individual documents in question. Reproduction of all these documents for incorporation into the Individual Permit application is not required by the Fort Worth District, is not practical, and is not required under NEPA.

Avoidance and Minimization

Wherever practical, waters of the U.S., including wetlands (WOTUS), will be avoided altogether. In some instances, however, wetland areas will be disturbed in order to recover mined fuel resources (lignite) or to develop support facilities such as roads, sedimentation impoundments, and diversions. These disturbances will be minimized wherever practical. Wetland areas that are disturbed will be addressed utilizing reclamation techniques discussed in **Attachment J** through the overall reclamation planning effort. The entire mined and reclaimed area will be considered in a holistic manner to focus on reestablishing premining hydrogeomorphic conditions when possible. Adverse impacts may be direct or indirect.

Avoidance and minimization of adverse impacts to WOTUS were a significant part of the design of the SMCRA permit and Individual Permit applications—the primary focus being protection of wetlands associated with Gnats Creek, Mill Creek, Barton Branch, Walnut Creek, Red Bank Creek, and Beck Creek. **Figure 7**, located in **Attachment G**, shows avoidance and minimization at these locations, and additional detail is provided below.

Environmental Impact—Adverse and Beneficial Effects

As noted above, mining within the Railroad Commission of Texas (RRC) boundary of the Bremond Mine will adversely impact the aquatic environment within that area. However, it is important to note that mining activity at the Bremond Mine is anticipated to extend from 2020 through 2046 (27 years including two years for construction of infrastructure), and the impacts are incrementally spread over the proposed 27-year life of the mine, so only a subset of the total impacts to WOTUS is being impacted at any one time. Additionally, as reclamation of mined areas progresses, impacts are offset by compensatory mitigation that produces a balance or net surplus of newly-created WOTUS, thereby fulfilling mitigation requirements and minimizing significant overall net impacts to local and regional aquatic environments. The aquatic ecosystems at the local and regional levels are protected by mine operations using the best available technology and best management practices. In addition, multiple regulatory requirements dictate that every aspect of mining minimizes the effects to the environment and local areas. Examples include contemporaneous reclamation, use of erosion control practices, water quality standards, creation of sediment and reclamation ponds, and design of mining structures to meet specific engineering design criteria. Mine reclamation at some locations provides beneficial land uses that replace historic land uses that contributed to degradation of the aquatic environment.

Adverse Impacts Analysis

The proposed jurisdictional determination document located in **Attachment C** depicts a delineation of all WOTUS within the Project Area. **Plate 1** and **Figures 1–8 (Attachment G)** provide reference materials showing the relationship of WOTUS to anticipated adverse mine impacts.

The areal extent of WOTUS (for the Project Area) and projected adverse impacts for the mine Impact Area are summarized in **Table 1**. Proposed jurisdictional determination data were compared with mining progression information and construction requirements for the life of the mine to calculate "projected adverse impacts".

TABLE 1

Summary of the Areal Extent of Waters of the U.S. and Projected Life of Mine Adverse Impacts within the Bremond Mine IP Project Area

Waters of the U.S. by Category¹	Total Areal Extent within the Project Area (acres/linear feet)	Projected Permanent Adverse Impacts² (acres/linear feet)
Forested wetlands	2.74	1.36
Scrub-shrub wetlands	2.23	1.17
Emergent wetlands (non-forested wetlands)	29.26	3.16
Open water	50.14	29.51
Streams ^{3, 4}	455,483	274,157

¹ Data from report titled: Report of Investigations, Clean Water Act Section 404, Delineation and Proposed Jurisdictional Determination, Bremond Mine—Permit 49B, Renewal/Expansion, Robertson County, Texas, dated December 2017; also Appendix D, Additional Review Area to the same report, dated May 2018

² Impacts calculated based on Life of Mine Projections.

³ See Table E-1 for detailed analysis of stream impacts by type. Stream area does not include approximately 57,897 linear feet of streams mapped by aerial photointerpretation in “No Access” areas as OHWM data were not available for those streams.

⁴ Some Jurisdictional Determination data contain no OHWM information: 14,460 ft of ephemeral stream impacts, 24,307 ft of ephemeral stream avoidance, and 19,077 ft of intermittent stream avoidance due to remote delineation using aerial photointerpretation in No Access Areas..

Review of the jurisdictional mapping in **Attachment C** and **Plate 1** in **Attachment G** shows that not all Project Area WOTUS will be adversely impacted by mining or other activities during the life of the mine. The purpose of the projected adverse impact acreage tabulations is to provide an estimate of the extent of adverse impacts projected from proposed mining operations. Final mitigation will be based upon the actual acreage of WOTUS adversely impacted as opposed to the projections provided in this notification.

Typical Impacts from Mining Activities

Road and Dragline Walkway Construction

The construction of roads and walkways in advance of mine pit progression is an essential premine activity. Roads are established to facilitate construction of surface water control structures, to assist in relocation of utility lines, and to allow access to the mine area for land clearing and other site preparation activities.

All proposed road construction in the mine area is subject to RRC permitting requirements. The RRC Coal Mining Regulations (16 TAC § 12.400 through 12.402) establish a precise set of engineering and construction criteria as well as environmental management practices which must be followed for roads constructed in mine permit areas.

According to RRC criteria, roads are to be located, insofar as possible, on ridges or on the most stable available slopes in order to minimize erosion. Vegetation clearing must be limited to the width necessary for road and associated ditch construction.

No part of any road may be located in the channel of an intermittent or perennial stream unless specifically approved by the RRC. Stream fords (crossings) are prohibited unless they are approved by the RRC as temporary routes during periods of construction. The fords shall not adversely affect stream sedimentation or fish, wildlife, and related environmental values.

All other stream crossings are required to utilize bridges, culverts, or other structures designed, constructed, and maintained to meet RRC drainage requirements. Drainage structures cannot affect the normal flow or gradient of the stream or adversely affect fish migration and aquatic habitat or related environmental values. The road drainage structure system must be designed to safely pass the peak runoff from a 10-year, 24-hour precipitation event or a greater event if required by the RRC.

By using the best technology currently available, damage to fish, wildlife, and related environmental values by roads or other infrastructure will be avoided to the extent practicable. Roads and infrastructure will be constructed to minimize additional contributions of sediments to streamflow or to runoff outside the RRC permit area to the extent practicable.

Finally, natural drainageways cannot be altered or relocated for road construction without RRC approval. Alterations approved by the RRC cannot block the natural channel drainage, cause significant damage to the hydrologic balance, or adversely impact adjacent landowners.

Pond Construction

Surface mining and reclamation require the construction of numerous ponds for the following:

1. control surface water runoff from disturbed areas;
2. collect groundwater from dewatering operations;
3. collect contaminated water which collects in open mine pits;
4. provide water for dust suppression and other operations;
5. serve as water supply for reclamation activities; and
6. provide suitable wildlife habitat through the establishment of aquatic vegetation.

The RRC permit application includes detailed operational plans that demonstrate measures that will be taken during pond design and construction to protect the hydrologic balance within the mine permit and adjacent areas, prevent material damages to the hydrologic balance outside the permit area, and assure the protection or replacement of water rights.

Waters of the U.S., including wetlands, impacted by the construction of sedimentation ponds will be mitigated according to the Proposed Conceptual Mitigation Plan provided in **Attachment J**. Wherever practical, especially with regard to ponds which

are constructed as permanent features and are intended to remain after the completion of mining and reclamation, design elements that assure the successful formation and propagation of emergent vegetation and riparian habitats are incorporated. Such elements include gradual slopes and shallow shelves. In addition, impacts will be minimized by the use of Best Management Practices (BMPs) including limiting disturbance to the minimum area necessary for construction of the pond, and minimizing sediment runoff and erosion.

Typical methods of minimizing sediment runoff and erosion include, but are not limited to:

1. stabilizing disturbed areas through land shaping;
2. diverting runoff;
3. establishing quick-growing temporary vegetation;
4. establishing permanent vegetation;
5. regulating the channel velocity of water;
6. lining drainage channels with rock or vegetation; and
7. mulching.

Utility Line Relocations

The progression of surface mining into a new mine area sometimes requires the relocation of utility lines (e.g., oil and gas pipelines, telecommunications lines, water supply lines, and electric distribution and transmission lines). The relocation of these lines is considered a vital step in surface preparation for mine pit progression.

For underground utility lines relocated in WOTUS, the BMPs to be employed by the Company generally correspond with the conditions of Nationwide Permit 12 (Utility Line Activities), including:

1. Material resulting from trench excavation may be temporarily sidecast (up to three months) into wetlands and other waters of the U.S. provided that the material is not placed in such a manner that it is dispersed by currents or other forces;
2. The area of waters of the U.S. that is disturbed must be limited to the minimum necessary to construct the utility line;
3. In wetlands, the top 6 to 12 inches of the trench should generally be backfilled with topsoil from the trench;
4. Excess material will be removed to upland areas immediately upon completion of construction; and
5. Any exposed slopes or stream banks must be stabilized immediately upon completion of the utility line.

In addition to the material handling BMPs listed above, the relocation of aerial utility lines will span WOTUS, where practicable, and/or minimize impacts by the selective placement of support structures.

Mine Pit Progression

The removal of overburden for purposes of recovering lignite typically represents a direct, adverse impact to WOTUS within a mine area. The mine pit progression and subsequent reclamation provide the greatest opportunity during the course of the project for the mitigation of adverse impacts to WOTUS. See **Figure 3, Attachment G** for proposed mining progression information.

Whether a project represents new mining or the logical progression of adjacent, currently-authorized mining operations, a temporal lag exists between adverse impacts and mitigation. This temporal lag is minimized by the contemporaneous reclamation requirements of the Surface Mining Control and Reclamation Act and plans contained in the RRC permit.

Site Specific Adverse Impacts Analysis

The RRC mining Renewal Expansion application for the Bremond Mine is scheduled for submittal to the RRC in the third quarter of 2018 and covers in detail a mine plan impact period of five years. Adverse impacts to WOTUS related to the proposed Individual permit area are described below and are consistent with information contained in this document and baseline environmental data contained in the RRC permit application.

Review of baseline environmental data, the proposed jurisdictional determination, and the delineation of WOTUS (**Attachment C**) show the Bremond Mine is located in the interior of the East Texas Central Plains. Specifically, the mine is in Robertson County within the Post Oak Savannah vegetational area of Texas. The surface topography of the region is characterized as rolling. As noted in Section 12.132 (Vegetative Information) of the RRC permit application, approximately 0.9 percent of the area contains aquatic or hydric features. These areas are associated with shallow drainage patterns interspersed within a local area of relatively low relief.

There are no impacts proposed to the streambed of Mill Creek, Barton Branch, Walnut Creek, Red Bank Creek, Beck Creek (except for a haul road crossing), or a large portion of Gnats Creek as shown on **Plate 1** and **Figure 7 (Attachment G)**. Historically, extensive areas in the region and within the Bremond Mine were converted from post oak savannah areas to cropland, and later to pastureland for cattle grazing and the production of hay. This is confirmed in baseline environmental data and review of aerial photography. Narrow to non-existent riparian buffers occur along some of the smaller streams in the area, and the main stream systems maintain primarily a forested riparian corridor.

The hydrology and hydraulics associated with the area are detailed in the RRC permit application. Variables such as premine topography, watershed size, land uses, and soils—and these same variables following mine impacts—are used to address mining

impacts to hydrology and hydraulics in the area. Following mining, the stratified overburden materials removed during mining are replaced with unstratified and unconsolidated materials. Initially this results in a more porous material with vertical permeability greater than premine conditions. However, with settlement of the reclaimed surface, there is a decrease in porosity and vertical permeability. Mined land affects rainfall runoff by intercepting storm water runoff and temporarily storing that water in impoundments (sedimentation and reclamation ponds), and then releasing the water at a controlled rate. The total volume of runoff is not expected to change appreciably. Peak flows downstream of impoundments are decreased, while base flows are increased. Overall, off-site impacts are expected to be minimal since local and regional flows are variable based on seasonal and climatic variations from year to year.

The Proposed Conceptual Mitigation Plan (**Attachment J**) provides details relative to the course of action which plans to compensate for mining impacts. Specific locations and design plans for compensatory mitigation projects are not known at this time and are tied to final mining, spoil placement, leveling, and reclamation actions. Outcomes are estimated, based on past compensatory mitigation, to include the following:

- Developed Water Resources (an RRC-defined land use) may be interspersed over mined areas to support final land uses and enhance land values.
- Drainage patterns may be established as necessary to move water through the reclaimed landscape and when necessary through the above-mentioned water resources. In some cases, postmine stream channels may be reestablished near their premine location.
- Wetlands (forested and non-forested) may be established in or around developed water resources and drainage patterns. In most cases, establishment of compensatory mitigation is the result of project designs that provide topographic features that were not present in premine conditions. This allows establishment of additional acreage to meet compensatory mitigation ratios. Additionally, the vegetation species planted in these areas are matched to the region and mimic conditions prior to historic deforestation, the primary example being higher quality hard mast producers (oaks for example) placed back into the environment.
- Riparian buffer zones, which are land areas adjacent to drainage patterns, are established and provide a larger, higher functioning "buffer" than existed in some premine conditions. Adjacent uplands are similarly planted with appropriate tree and herbaceous cover to provide additional benefits to water quality and the overall local and regional aquatic ecosystems.

Baseline Data

The Bremond Mine is located in Robertson County with a landscape dominated by historic agricultural impacts—mainly related to crop production and later by livestock operations. As detailed in the RRC permit application, approximately 96.2 percent of the area is categorized by the land uses pastureland and undeveloped land. The other 3.8 percent falls in the land use categories industrial/commercial, developed

water resources, residential, and cropland. Aquatic resources, including streams, are tied to the 0.7 percent developed water resources land use or are included within the pastureland or undeveloped land uses.

The bottomland hardwood forest community occupies approximately 8.5% of the Bremond Mine. Within the mine area, riparian forests generally occur immediately adjacent to streams with relatively narrow floodplains and are, thereby, limited to narrow bands of woody vegetation. Often the narrow riparian strips are situated within pastures and, thus, are subject to intense grazing. Bottomland forests, however, occur on the broader floodplains associated with major streams and are characterized by a dense overstory canopy and a well-developed understory and shrub layer. Riparian forests typically consist of the same species as bottomland forests.

Vegetation in existing wooded riparian and bottomland corridors consists dominantly of winged elm (*Ulmus alata*), American elm (*U. americana*), and pecan (*Carya illinoensis*) in the overstory, with common associates including sugar-berry (*Celtis laevigata*), water oak (*Quercus nigra*), ash-leaf maple (*Acer negundo*), red mulberry (*Morus rubra*), white ash (*Fraxinus americana*), and common persimmon (*Diospyros virginiana*). The understory of this community generally consists of saplings of the overstory species plus American beautyberry (*Callicarpa americana*), yaupon (*Ilex vomitoria*), deciduous holly (*I. decidua*), rusty blackhaw (*Viburnum rufidulum*), and coralberry (*Symphoricarpos orbiculatus*).

Baseline environmental studies and data collection for delineation resulted in a total of 129.02 acres of WOTUS inside the Project Area (excluding non-jurisdictional features).

Impacts Analysis

By working with mine planners and engineers, Luminant is able to avoid impacts to Barton Branch, Red Bank Creek, Mill Creek, and Walnut Creek. Also, a significant portion of Beck Creek and Gnats Creek will be avoided.

Additionally, Luminant evaluated numerous different alignments for the transportation corridor and chose the alignment with the lowest amount of impacts to perennial streams. The mine pits were shortened in some locations in order to avoid impacts to WOTUS. Pond locations were also evaluated and located in such a way as to avoid impacts to WOTUS to the maximum extent possible.

Avoidance and Minimization of Impacts

Impacts to waters of the U.S. will be avoided and minimized by the following:

- All impacts to Barton Branch, Red Bank Creek, Mill Creek, Walnut Creek, and Beck Creek will be avoided. A significant portion of potential impacts to Gnats Creek will be avoided.

- Best Management Practices (BMPs) will be utilized for construction activities across the mine during construction of infrastructure projects and during mining of the lignite resource.

See the Table 2 (Avoidance Table) below.

Table 2. WOTUS Avoided in the Bremond Mine

Category of Waters of the U.S.	Bremond Mine Area (Acres)	Bremond Mine Area (LF)
Forested wetlands	1.38	
Scrub-shrub wetlands	1.06	
Non-forested wetlands	26.10	
Perennial Streams	0.34	1,302
Intermittent Streams	12.48	70,035
Ephemeral Streams	8.89	109,989
Ponds	20.63	
Totals	70.88	181,326

Summary Table of Waters of the U.S. Impacted by the Proposed Project

See **Table E-1** for a projected summary of WOTUS impacted by construction and operation of mining activities within the Bremond Mine.

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-1	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	351	13.7	0.111	351	13.7	0.111
S-2	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	101	2.2	0.005	101	2.2	0.005
S-3	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	108	4.2	0.0104	108	4.2	0.0104
S-4	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	235	4.4	0.024	235	4.4	0.024
S-5	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	848	1.7	0.034	0	0	0
S-6	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	74	1.2	0.002	0	0	0
S-7	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	741	3.9	0.067	361	6.2	0.051
S-8	Unnamed Tributary to Pool Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	331	4.3	0.033	331	4.3	0.033
S-9	Unnamed Tributary to Pool Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	34	2.6	0.002	34	2.6	0.002
S-10	Unnamed Tributary to Pool Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	78	1.9	0.0034	78	1.9	0.0034
S-11	Unnamed Tributary to Pool Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	73	1.8	0.003	73	1.8	0.003
S-12	Unnamed Tributary to Pool Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	76	1.1	0.002	76	1.1	0.002
S-13	Pool Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,482	7.8	0.266	971	8.4	0.188
S-14	Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,705	13.5	0.53	403	20.5	0.19
S-15	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	246	4.2	0.024	129	4.1	0.012
S-16	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	712	1.2	0.02	712	1.2	0.02
S-17	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	347	2.5	0.02	0	0	0
S-18	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,751	4.7	0.188	1,511	5.1	0.178
S-19	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	114	1.1	0.003	114	1.1	0.003

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-20	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	124	3.2	0.009	124	3.2	0.009
S-21	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	622	7.2	0.103	622	7.2	0.103
S-22	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	456	3.2	0.034	456	3.2	0.034
S-23	Unnamed Tributary to Duck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	73	1.2	0.002	73	1.2	0.002
S-24	Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,734	5.1	0.437	0	0	0
S-25	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	35	6.2	0.005	0	0	0
S-26	Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	78	2.2	0.004	0	0	0
S-27	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,282	3.1	0.164	1,441	3.6	0.12
S-28	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	75	0.6	0.001	0	0	0
S-29	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,610	2.3	0.136	566	2	0.026
S-30	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	801	2.2	0.04	0	0	0
S-31	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	307	0.7	0.005	0	0	0
S-32	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,413	1.4	0.044	1,413	1.4	0.044
S-33	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	408	1.1	0.01	408	1.1	0.01
S-34	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	362	1.2	0.01	362	1.2	0.01
S-35	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,187	1.5	0.04	1,187	1.5	0.04
S-36	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	97	0.9	0.002	97	0.9	0.002
S-37	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	73	1.8	0.003	73	1.8	0.003
S-38	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	120	1.1	0.003	120	1.1	0.003

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-39	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	403	1.5	0.014	403	1.5	0.014
S-40	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	108	0.8	0.002	108	0.8	0.002
S-41	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	100	0.9	0.002	100	0.9	0.002
S-42	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	249	3.8	0.022	249	3.8	0.022
S-43	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	384	3.4	0.03	0	0	0
S-44	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	91	1.4	0.003	0	0	0
S-45	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	242	3.6	0.02	0	0	0
S-46	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	816	2.7	0.05	0	0	0
S-47	Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	373	15.3	0.131	0	0	0
S-48	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	180	2.4	0.01	0	0	0
S-49	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	84	1.6	0.003	0	0	0
S-50	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	494	2.6	0.03	0	0	0
S-51	Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	518	15.1	0.18	0	0	0
S-52	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	389	2.2	0.02	0	0	0
S-53	Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	450	22.3	0.23	0	0	0
S-54	Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	9,643	1.2	0.27	0	0	0
S-55	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	322	-	-	0	0	0
S-56	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	220	-	-	0	0	0
S-57	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,266	-	-	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-58	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	7,790	4.2	0.75	7,696	4.2	0.75
S-59	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	361	2.4	0.02	361	2.4	0.02
S-60	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	5,392	3.8	0.468	5,392	3.8	0.468
S-61	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	71	1.2	0.002	71	1.2	0.002
S-62	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	4,225	3.4	0.33	4,225	3.4	0.33
S-63	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	156	1.7	0.006	156	1.7	0.006
S-64	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	164	2.7	0.01	164	2.7	0.01
S-65	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	66	2	0.003	66	2	0.003
S-66	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	309	3	0.021	309	3	0.021
S-67	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	113	3.9	0.01	113	3.9	0.01
S-68	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	124	2.1	0.006	124	2.1	0.006
S-69	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	669	2.6	0.04	669	2.6	0.04
S-70	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	105	2.1	0.005	105	2.1	0.005
S-71	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,474	3.2	0.11	1,474	3.2	0.11
S-72	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	201	2.4	0.011	201	2.4	0.011
S-73	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	374	2.3	0.0194	374	2.3	0.0194
S-74	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	474	2.3	0.025	474	2.3	0.025
S-75	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	93	0.9	0.002	93	0.9	0.002
S-76	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,154	1.7	0.046	1,154	1.7	0.046

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-77	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	705	1.7	0.027	705	1.7	0.027
S-78	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	143	0.9	0.003	143	0.9	0.003
S-79	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	586	1.9	0.026	586	1.9	0.026
S-80	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	64	0.7	0.001	64	0.7	0.001
S-81	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	126	3.5	0.01	126	3.5	0.01
S-82	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,153	7.2	0.355	2,153	7.2	0.355
S-83	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	184	0.9	0.004	184	0.9	0.004
S-84	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	42	1	0.001	42	1	0.001
S-85	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	159	2.7	0.01	159	2.7	0.01
S-86	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,761	3.2	0.131	1,761	3.2	0.131
S-87	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	65	0.7	0.001	65	0.7	0.001
S-88	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,825	2.3	0.147	2,825	2.3	0.147
S-89	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	152	0.9	0.003	152	0.9	0.003
S-90	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	478	1.8	0.02	478	1.8	0.02
S-91	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,626	2	0.075	1,626	2	0.075
S-92	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	135	3.2	0.01	135	3.2	0.01
S-93	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	162	1.1	0.004	162	1.1	0.004
S-94	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	57	0.8	0.001	57	0.8	0.001
S-95	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	173	1	0.004	173	1	0.004

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-96	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,907	2.5	0.111	1,907	2.5	0.111
S-97	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	56	0.8	0.001	56	0.8	0.001
S-98	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	180	1.5	0.006	180	1.5	0.006
S-99	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,679	3.1	0.188	2,679	3.1	0.188
S-100	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	82	1.1	0.002	82	1.1	0.002
S-101	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	569	2.4	0.031	569	2.4	0.031
S-102	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	118	2.2	0.006	118	2.2	0.006
S-103	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	59	2.2	0.003	59	2.2	0.003
S-104	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	25	1.7	0.001	25	1.7	0.001
S-105	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	313	1.4	0.01	313	1.4	0.01
S-106	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	54	1.6	0.002	54	1.6	0.002
S-107	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	361	1.6	0.0135	361	1.6	0.0135
S-108	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	312	1.8	0.013	312	1.8	0.013
S-109	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	389	5.1	0.045	389	5.1	0.045
S-110	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	214	2.4	0.012	214	2.4	0.012
S-111	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	177	1	0.004	177	1	0.004
S-112	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	934	4	0.086	22	4	0.002
S-113	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	90	4.8	0.01	0	0	0
S-114	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,006	4.2	0.098	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-115	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	213	2.7	0.013	0	0	0
S-116	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	38	2.3	0.002	0	0	0
S-117	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	143	0.9	0.003	0	0	0
S-118	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	475	2	0.022	0	0	0
S-119	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	618	-	-	0	0	0
S-120	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,243	2.9	0.213	0	0	0
S-121	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	725	2.1	0.035	527	1.9	0.023
S-122	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	155	2.8	0.01	0	0	0
S-123	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	94	1.9	0.004	0	0	0
S-124	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	260	1.7	0.01	260	1.7	0.01
S-125	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	183	1	0.004	183	1	0.004
S-126	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	208	-	-	0	0	0
S-127	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	180	-	-	0	0	0
S-128	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	478	-	-	0	0	0
S-129	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	626	-	-	0	0	0
S-130	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	114	3.8	0.01	114	3.8	0.01
S-131	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	46	1.9	0.002	0	0	0
S-132	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	5,675	5.6	0.736	5,666	5.7	0.735
S-133	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	53	8.2	0.01	53	8.2	0.01

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-134	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,355	4.1	0.22	2,355	4.1	0.22
S-135	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	616	0.7	0.01	616	0.7	0.01
S-136	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	55	0.8	0.001	55	0.8	0.001
S-137	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	490	0.9	0.01	490	0.9	0.01
S-138	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	41	1.1	0.001	41	1.1	0.001
S-139	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	239	1.8	0.01	239	1.8	0.01
S-140	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	386	1.1	0.01	386	1.1	0.01
S-141	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	38	1.1	0.001	38	1.1	0.001
S-142	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	52	1.7	0.002	52	1.7	0.002
S-143	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	24	1.8	0.001	24	1.8	0.001
S-144	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	99	0.9	0.002	99	0.9	0.002
S-145	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	817	2.4	0.045	817	2.4	0.045
S-146	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	64	2	0.003	64	2	0.003
S-147	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,171	10	0.27	1,171	10	0.27
S-148	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	291	1.5	0.01	291	1.5	0.01
S-149	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,183	15.1	0.41	1,183	15.1	0.41
S-150	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	785	6.7	0.12	785	6.7	0.12
S-151	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	107	4.1	0.01	107	4.1	0.01
S-152	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	67	3.2	0.005	67	3.2	0.005

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-153	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	159	2.7	0.01	159	2.7	0.01
S-154	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	120	3.6	0.01	120	3.6	0.01
S-155	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	528	3.3	0.04	528	3.3	0.04
S-156	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	178	1	0.004	178	1	0.004
S-157	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,516	3.8	0.132	1,516	3.8	0.132
S-158	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	94	2.3	0.005	94	2.3	0.005
S-159	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	204	2.1	0.01	204	2.1	0.01
S-160	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,002	6.5	0.3	2,002	6.5	0.3
S-161	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	60	0.7	0.001	60	0.7	0.001
S-162	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,070	6.3	0.3	2,070	6.3	0.3
S-163	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,362	2.9	0.09	1,362	2.9	0.09
S-164	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	123	3.5	0.01	123	3.5	0.01
S-165	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	220	2.8	0.014	220	2.8	0.014
S-166	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	46	1.9	0.002	46	1.9	0.002
S-167	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	320	2.7	0.02	320	2.7	0.02
S-168	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,186	4	0.11	1,186	4	0.11
S-169	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	728	1.8	0.03	728	1.8	0.03
S-170	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	30	1.5	0.001	30	1.5	0.001
S-171	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	244	1.8	0.01	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-172	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	89	1.9	0.004	0	0	0
S-173	Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	4,478	12	1.23	0	0	0
S-174	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,750	3.1	0.125	0	0	0
S-175	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	57	2.3	0.003	0	0	0
S-176	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,592	7.6	0.452	2,592	7.6	0.452
S-177	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	23	1.9	0.001	23	1.9	0.001
S-178	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	179	2.4	0.01	179	2.4	0.01
S-179	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	131	1	0.003	131	1	0.003
S-180	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	342	5.1	0.04	342	5.1	0.04
S-181	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	182	3.1	0.013	182	3.1	0.013
S-182	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	215	2.6	0.013	215	2.6	0.013
S-183	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	204	2.1	0.01	204	2.1	0.01
S-184	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	125	1	0.003	125	1	0.003
S-185	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	319	1.4	0.01	319	1.4	0.01
S-186	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,435	2.7	0.0883	1,435	2.7	0.0883
S-187	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	54	1.6	0.002	54	1.6	0.002
S-188	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	543	2.1	0.026	543	2.1	0.026
S-189	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	146	0.9	0.003	146	0.9	0.003
S-190	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	80	1.1	0.002	80	1.1	0.002

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-191	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	166	2.6	0.01	166	2.6	0.01
S-192	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	166	2.6	0.01	166	2.6	0.01
S-193	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	136	3.2	0.01	136	3.2	0.01
S-194	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	408	3.2	0.03	408	3.2	0.03
S-195	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	778	5.8	0.103	778	5.8	0.103
S-196	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,312	5.5	0.42	3,312	5.5	0.42
S-197	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	350	3.5	0.028	350	3.5	0.028
S-198	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	34	1.3	0.001	34	1.3	0.001
S-199	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	112	3.9	0.01	112	3.9	0.01
S-200	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,836	6.7	0.284	1,836	6.7	0.284
S-201	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	102	0.9	0.002	102	0.9	0.002
S-202	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,346	3.9	0.12	1,346	3.9	0.12
S-203	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	258	3	0.018	258	3	0.018
S-204	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	191	6.8	0.03	191	6.8	0.03
S-205	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	528	1.1	0.013	528	1.1	0.013
S-206	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,041	2.6	0.062	1,041	2.6	0.062
S-207	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	610	1.7	0.024	610	1.7	0.024
S-208	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	251	1.9	0.011	251	1.9	0.011
S-209	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,241	3.6	0.103	1,241	3.6	0.103

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-210	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	293	2.4	0.016	293	2.4	0.016
S-211	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	19	0.9	0.0004	19	0.9	0.0004
S-212	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	371	2.9	0.025	371	2.9	0.025
S-213	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	146	1.6	0.0053	146	1.6	0.0053
S-214	Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	18,007	9.7	4.02	1,237	9.5	0.27
S-215	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	442	2.4	0.024	0	0	0
S-216	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	360	2.4	0.02	0	0	0
S-217	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	420	2.1	0.02	420	2.1	0.02
S-218	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,248	4.9	0.14	1,151	4.9	0.13
S-219	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,662	8.2	0.5	2,662	8.2	0.5
S-220	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	95	1.8	0.004	95	1.8	0.004
S-221	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	44	2	0.002	44	2	0.002
S-222	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	69	3.2	0.005	69	3.2	0.005
S-223	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	62	7	0.01	62	7	0.01
S-224	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	162	1.1	0.004	0	0	0
S-225	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	5,214	3.8	0.45	5,139	3.7	0.44
S-226	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	234	2	0.011	234	2	0.011
S-227	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	464	1.9	0.02	464	1.9	0.02
S-228	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	92	0.9	0.002	92	0.9	0.002

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-229	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	131	1	0.003	131	1	0.003
S-230	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	119	0.4	0.001	119	0.4	0.001
S-231	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	113	1.2	0.003	113	1.2	0.003
S-232	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	754	9.8	0.17	559	10.1	0.13
S-233	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	65	2.7	0.004	65	2.7	0.004
S-234	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	149	2.9	0.01	149	2.9	0.01
S-235	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	10,749	7.9	1.94	10,556	7.8	1.89
S-236	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	97	0.9	0.002	97	0.9	0.002
S-237	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	119	1.1	0.003	119	1.1	0.003
S-238	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	175	2.5	0.01	175	2.5	0.01
S-239	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	111	1.2	0.003	111	1.2	0.003
S-240	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	198	1.1	0.005	198	1.1	0.005
S-241	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	166	2.6	0.01	166	2.6	0.01
S-242	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	545	2.4	0.03	545	2.4	0.03
S-243	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	134	1.3	0.004	134	1.3	0.004
S-244	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,366	2.4	0.074	1,366	2.4	0.074
S-245	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	31	1.4	0.001	31	1.4	0.001
S-246	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	46	0.9	0.001	46	0.9	0.001
S-247	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	158	1.1	0.004	158	1.1	0.004

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-248	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	278	1.6	0.01	278	1.6	0.01
S-249	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	149	0.7	0.0023	149	0.7	0.0023
S-250	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	159	1.1	0.004	159	1.1	0.004
S-251	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	241	4.3	0.024	241	4.3	0.024
S-252	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	51	0.6	0.0007	51	0.6	0.0007
S-253	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	716	3.8	0.0623	716	3.8	0.0623
S-254	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	530	2.3	0.028	530	2.3	0.028
S-255	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	232	1.9	0.01	232	1.9	0.01
S-256	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	139	0.9	0.003	139	0.9	0.003
S-257	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	49	0.9	0.001	49	0.9	0.001
S-258	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	261	1.2	0.0071	261	1.2	0.0071
S-259	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	100	0.9	0.002	100	0.9	0.002
S-260	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	538	1.9	0.024	374	1.6	0.014
S-261	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	148	0.9	0.003	148	0.9	0.003
S-262	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	246	1.8	0.01	246	1.8	0.01
S-263	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	522	1.7	0.02	522	1.7	0.02
S-264	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,740	1.2	0.075	2,740	1.2	0.075
S-265	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	359	3.9	0.032	338	3.9	0.03
S-266	Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	5,167	4.6	0.551	5,153	4.6	0.55

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-267	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	82	1.1	0.002	82	1.1	0.002
S-268	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	129	1	0.003	129	1	0.003
S-269	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	140	3.1	0.01	140	3.1	0.01
S-270	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,486	3	0.173	2,486	3	0.173
S-271	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	72	1.2	0.002	72	1.2	0.002
S-272	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	40	1.1	0.001	40	1.1	0.001
S-273	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	94	0.9	0.002	94	0.9	0.002
S-274	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	269	3.2	0.02	269	3.2	0.02
S-275	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	51	0.9	0.001	51	0.9	0.001
S-276	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	82	1.1	0.002	82	1.1	0.002
S-277	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	169	1	0.004	169	1	0.004
S-278	Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	10,452	8.5	2.033	10,452	8.5	2.033
S-279	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	174	1	0.004	174	1	0.004
S-280	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	125	1	0.003	125	1	0.003
S-281	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	559	7	0.09	559	7	0.09
S-282	Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	566	12.3	0.16	566	12.3	0.16
S-283	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	112	11.7	0.03	112	11.7	0.03
S-284	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	93	0.9	0.002	93	0.9	0.002
S-285	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	88	1.5	0.003	88	1.5	0.003

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-286	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	60	1.5	0.002	60	1.5	0.002
S-287	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,137	3.8	0.274	3,137	3.8	0.274
S-288	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	578	1.5	0.02	578	1.5	0.02
S-289	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	380	2.3	0.02	380	2.3	0.02
S-290	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	59	2.2	0.003	59	2.2	0.003
S-291	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	70	3.1	0.005	70	3.1	0.005
S-292	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	77	2.3	0.004	77	2.3	0.004
S-293	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	51	0.9	0.001	51	0.9	0.001
S-294	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,114	2	0.05	1,114	2	0.05
S-295	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,910	6.3	0.275	1,910	6.3	0.275
S-296	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	40	1.1	0.001	40	1.1	0.001
S-297	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	96	1.8	0.004	96	1.8	0.004
S-298	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	107	0.8	0.002	107	0.8	0.002
S-299	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,223	3.6	0.183	2,223	3.6	0.183
S-300	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	137	1	0.003	137	1	0.003
S-301	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	151	0.9	0.003	151	0.9	0.003
S-302	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	75	1.2	0.002	75	1.2	0.002
S-303	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	425	1	0.01	425	1	0.01
S-304	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	107	0.8	0.002	107	0.8	0.002

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-305	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	365	1.2	0.01	365	1.2	0.01
S-306	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	223	2	0.01	223	2	0.01
S-307	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	374	1.2	0.01	374	1.2	0.01
S-308	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	447	1	0.01	447	1	0.01
S-309	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	191	2.3	0.01	191	2.3	0.01
S-310	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	102	2.1	0.005	102	2.1	0.005
S-311	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,386	6	0.47	3,386	6	0.47
S-312	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	162	1.1	0.004	162	1.1	0.004
S-313	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	101	0.9	0.002	101	0.9	0.002
S-314	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	217	1	0.005	217	1	0.005
S-315	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	199	1.1	0.005	199	1.1	0.005
S-316	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	555	3.3	0.042	555	3.3	0.042
S-317	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	357	1.2	0.01	357	1.2	0.01
S-318	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	440	1.4	0.014	440	1.4	0.014
S-319	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	420	2.2	0.021	420	2.2	0.021
S-320	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	385	2.7	0.024	385	2.7	0.024
S-321	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	70	1.2	0.002	70	1.2	0.002
S-322	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	150	2	0.007	150	2	0.007
S-323	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	224	2.1	0.011	224	2.1	0.011

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-324	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	113	1.2	0.003	113	1.2	0.003
S-325	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,024	5.2	0.24	2,024	5.2	0.24
S-326	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	174	2.5	0.01	174	2.5	0.01
S-327	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,031	0.8	0.02	1,031	0.8	0.02
S-328	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,543	2	0.07	1,543	2	0.07
S-329	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	123	3.5	0.01	123	3.5	0.01
S-330	Unnamed Tributary to Gnats Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	105	0.8	0.002	105	0.8	0.002
S-331	Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	17,507	5	2.015	0	0	0
S-332	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	996	3.1	0.07	945	2.8	0.06
S-333	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	122	3.6	0.01	0	0	0
S-334	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	14	0.9	0.0003	0	0	0
S-335	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	221	3	0.015	0	0	0
S-336	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	166	2.6	0.01	0	0	0
S-337	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	78	2.2	0.004	0	0	0
S-338	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	54	3.2	0.004	0	0	0
S-339	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	196	2.2	0.01	0	0	0
S-340	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	561	6.4	0.083	0	0	0
S-341	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	266	4.9	0.03	0	0	0
S-342	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	216	2	0.01	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-343	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	244	1.8	0.01	0	0	0
S-344	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	329	2.6	0.02	115	3.8	0.01
S-345	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,377	1.7	0.055	0	0	0
S-346	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	466	2.3	0.025	0	0	0
S-347	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	73	1.2	0.002	0	0	0
S-348	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	196	2.2	0.01	0	0	0
S-349	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,500	2.9	0.169	2,305	3	0.157
S-350	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	117	1.1	0.003	117	1.1	0.003
S-351	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	69	1.9	0.003	69	1.9	0.003
S-352	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,002	3.3	0.077	771	3.2	0.057
S-353	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	34	2.6	0.002	0	0	0
S-354	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	136	3.2	0.01	136	3.2	0.01
S-355	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	127	3.4	0.01	0	0	0
S-356	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	367	3.6	0.03	0	0	0
S-357	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	183	1	0.004	0	0	0
S-358	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,701	-	-	2,672	-	-
S-359	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	936	-	-	936	-	-
S-360	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,230	-	-	0	0	0
S-361	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,048	-	-	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-362	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	990	-	-	0	0	0
S-363	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,676	-	-	0	0	0
S-364	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	4,941	-	-	0	0	0
S-365	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	174	2.5	0.01	0	0	0
S-366	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,224	1.1	0.03	0	0	0
S-367	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,358	-	-	0	0	0
S-368	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	991	-	-	0	0	0
S-369	Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	994	-	-	0	0	0
S-370	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	805	-	-	0	0	0
S-371	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	304	7.2	0.05	0	0	0
S-372	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	622	4.8	0.069	0	0	0
S-373	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,840	2.3	0.097	0	0	0
S-374	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	187	3.3	0.014	0	0	0
S-375	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	57	0.8	0.001	0	0	0
S-376	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	189	2.3	0.01	0	0	0
S-377	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	54	0.8	0.001	0	0	0
S-378	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	118	1.1	0.003	0	0	0
S-379	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	94	1.4	0.003	0	0	0
S-380	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	563	1.9	0.025	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-381	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	185	0.9	0.004	0	0	0
S-382	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,450	5.7	0.19	0	0	0
S-383	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	122	1.1	0.003	0	0	0
S-384	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	435	2.2	0.022	0	0	0
S-385	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	619	2.1	0.03	0	0	0
S-386	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	116	3.8	0.01	0	0	0
S-387	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	74	1.8	0.003	0	0	0
S-388	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,105	3	0.076	0	0	0
S-389	Unnamed Tributary to Mill Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	66	2	0.003	0	0	0
S-390	Unnamed Tributary to Red Bank Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	334	1.3	0.01	0	0	0
S-391	Unnamed Tributary to Red Bank Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	330	2.6	0.02	0	0	0
S-392	Unnamed Tributary to Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	631	2.1	0.03	0	0	0
S-393	Unnamed Tributary to Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	34	1.3	0.001	0	0	0
S-394	Red Bank Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	904	1	0.021	0	0	0
S-395	Unnamed Tributary to Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	308	1.4	0.01	0	0	0
S-396	Unnamed Tributary to Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	47	1.9	0.002	0	0	0
S-397	Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,205	6.2	0.171	0	0	0
S-398	Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,819	8.2	0.53	0	0	0
S-399	Unnamed Tributary to Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	65	2.7	0.004	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-400	Unnamed Tributary to Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	115	1.1	0.003	0	0	0
S-401	Unnamed Tributary to Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,720	9.1	0.777	0	0	0
S-402	Unnamed Tributary to Barton Branch	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	106	2.1	0.005	0	0	0
S-403	Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	10,372	13.9	3.31	0	0	0
S-404	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	356	9.8	0.08	0	0	0
S-405	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	178	9.8	0.04	0	0	0
S-406	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	360	9.9	0.082	0	0	0
S-407	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	92	9.5	0.02	0	0	0
S-408	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	245	10.7	0.06	0	0	0
S-409	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	568	10	0.13	0	0	0
S-410	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	441	9.9	0.1	0	0	0
S-411	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	278	15.7	0.1	0	0	0
S-412	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	90	4.8	0.01	0	0	0
S-413	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	114	15.3	0.04	0	0	0
S-414	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	57	7.6	0.01	0	0	0
S-415	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	254	1.7	0.01	0	0	0
S-416	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,998	2.9	0.1324	0	0	0
S-417	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	122	3.6	0.01	0	0	0
S-418	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	274	1.6	0.01	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-419	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	464	1.9	0.02	0	0	0
S-420	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	396	1.1	0.01	0	0	0
S-421	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	142	3.1	0.01	0	0	0
S-422	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	284	2	0.013	0	0	0
S-423	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	119	1.1	0.003	0	0	0
S-424	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	787	1.3	0.023	187	0.5	0.002
S-425	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	105	0.8	0.002	0	0	0
S-426	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,341	2.2	0.165	2,868	2.2	0.145
S-427	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	400	0.8	0.007	400	0.8	0.007
S-428	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	847	1.5	0.03	847	1.5	0.03
S-429	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	301	0.7	0.005	301	0.7	0.005
S-430	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	227	0.8	0.004	227	0.8	0.004
S-431	Unnamed Tributary to Walnut Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	224	1.4	0.007	224	1.4	0.007
S-432	Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	909	2.6	0.054	0	0	0
S-433	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	143	3	0.01	0	0	0
S-434	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,387	2.7	0.21	3,185	2.7	0.198
S-435	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	181	2.4	0.01	181	2.4	0.01
S-436	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	299	1.5	0.01	299	1.5	0.01
S-437	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	180	2.9	0.012	180	2.9	0.012

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-438	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	57	0.8	0.001	57	0.8	0.001
S-439	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	62	1.4	0.002	62	1.4	0.002
S-440	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	112	1.6	0.004	112	1.6	0.004
S-441	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	266	1.6	0.01	266	1.6	0.01
S-442	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	123	3.5	0.01	123	3.5	0.01
S-443	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	40	1.1	0.001	40	1.1	0.001
S-444	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	497	2	0.023	497	2	0.023
S-445	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,116	2	0.052	1,116	2	0.052
S-446	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	71	1.2	0.002	71	1.2	0.002
S-447	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	81	1.1	0.002	81	1.1	0.002
S-448	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	74	1.2	0.002	74	1.2	0.002
S-449	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	686	2.7	0.042	686	2.7	0.042
S-450	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	191	0.9	0.004	191	0.9	0.004
S-451	Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,173	7.6	0.381	0	0	0
S-452	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	73	6	0.01	0	0	0
S-453	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	141	3.1	0.01	0	0	0
S-454	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,635	4.1	0.25	1,046	5.8	0.14
S-455	Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	22,976	6.6	3.459	1,113	7	0.18
S-456	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	249	1.7	0.01	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-457	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	758	2.9	0.05	758	2.9	0.05
S-458	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	806	2.3	0.042	596	2.3	0.032
S-459	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	346	2.6	0.0203	346	2.6	0.0203
S-460	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	159	3.6	0.013	159	3.6	0.013
S-461	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	756	3.7	0.065	756	3.7	0.065
S-462	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	538	1.7	0.021	538	1.7	0.021
S-463	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,014	3	0.14	2,014	3	0.14
S-464	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	84	2.1	0.004	84	2.1	0.004
S-465	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	324	1.3	0.01	324	1.3	0.01
S-466	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	101	2.2	0.005	101	2.2	0.005
S-467	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	30	1.5	0.001	30	1.5	0.001
S-468	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	64	0.7	0.001	64	0.7	0.001
S-469	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	140	3.1	0.01	140	3.1	0.01
S-471	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	83	2.1	0.004	83	2.1	0.004
S-472	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	6,210	3.1	0.437	6,210	3.1	0.437
S-473	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,919	2.8	0.1215	1,919	2.8	0.1215
S-474	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	47	1.9	0.002	47	1.9	0.002
S-475	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,179	1.6	0.08	2,179	1.6	0.08
S-476	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	800	1.9	0.034	800	1.9	0.034

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-477	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	185	0.9	0.004	185	0.9	0.004
S-478	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	61	0.7	0.001	61	0.7	0.001
S-479	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	170	3.8	0.015	60	3.6	0.005
S-480	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	118	1.1	0.003	0	0	0
S-481	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	390	2.8	0.025	201	2.4	0.011
S-482	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	66	3.3	0.005	0	0	0
S-483	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,353	3.3	0.103	1,258	3.2	0.093
S-484	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,897	4.2	0.185	1,897	4.2	0.185
S-485	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	372	2.7	0.023	372	2.7	0.023
S-486	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	386	0.9	0.008	386	0.9	0.008
S-487	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	59	0.7	0.001	59	0.7	0.001
S-488	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	43	1	0.001	43	1	0.001
S-489	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	73	1.2	0.002	73	1.2	0.002
S-490	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	267	1.6	0.01	267	1.6	0.01
S-491	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	114	0.6	0.0017	114	0.6	0.0017
S-492	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	34	1.3	0.001	34	1.3	0.001
S-493	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	411	1.4	0.013	411	1.4	0.013
S-494	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,057	-	-	785	-	-
S-495	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	423	-	-	423	-	-

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-496	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	485	-	-	485	-	-
S-497	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,182	-	-	821	-	-
S-498	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	164	-	-	164	-	-
S-499	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,828	-	-	1,828	-	-
S-500	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,306	-	-	1,306	-	-
S-501	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	729	-	-	729	-	-
S-502	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	583	-	-	406	-	-
S-503	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	711	-	-	711	-	-
S-504	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	944	-	-	808	-	-
S-505	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	54	1.6	0.002	0	0	0
S-506	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	152	2	0.007	0	0	0
S-507	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	992	5.4	0.124	0	0	0
S-508	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	36	1.2	0.001	0	0	0
S-509	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	444	3.1	0.032	169	2.1	0.008
S-510	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,872	1.9	0.124	2,872	1.9	0.124
S-511	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	49	0.9	0.001	49	0.9	0.001
S-512	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	103	1.7	0.004	103	1.7	0.004
S-513	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	540	2.1	0.026	0	0	0
S-514	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	263	1.7	0.01	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-515	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	267	1.6	0.01	0	0	0
S-516	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	765	3.6	0.063	0	0	0
S-517	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	158	2.8	0.01	0	0	0
S-518	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	122	1.4	0.004	0	0	0
S-519	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	100	2.2	0.005	0	0	0
S-520	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	141	0.9	0.003	0	0	0
S-521	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	76	1.1	0.002	0	0	0
S-522	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	59	0.7	0.001	0	0	0
S-523	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,167	3.6	0.0952	251	1.8	0.0102
S-524	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	50	1.3	0.0015	0	0	0
S-525	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	308	3.1	0.022	0	0	0
S-526	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,173	3.3	0.09	1,173	3.3	0.09
S-527	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	58	2.3	0.003	0	0	0
S-528	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	521	2.8	0.034	0	0	0
S-529	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	387	2.3	0.02	0	0	0
S-530	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	118	1.1	0.003	0	0	0
S-531	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	46	0.9	0.001	0	0	0
S-532	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	99	2.2	0.005	0	0	0
S-533	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	62	2.1	0.003	0	0	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-534	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,252	5.6	0.2903	0	0	0
S-535	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	916	3.7	0.077	0	0	0
S-536	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,473	3.9	0.131	0	0	0
S-537	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	23	3.8	0.002	0	0	0
S-538	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	151	1.2	0.004	0	0	0
S-539	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	725	1.2	0.02	0	0	0
S-540	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	94	1.4	0.003	0	0	0
S-541	Unnamed Tributary to Beck Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	89	6.4	0.013	0	0	0
S-542	Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,425	4	0.13	1,425	4	0.13
S-543	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	3,439	3.1	0.248	3,439	3.1	0.248
S-544	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	118	3.7	0.01	118	3.7	0.01
S-545	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	200	1.1	0.005	200	1.1	0.005
S-546	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	197	2.6	0.012	197	2.6	0.012
S-547	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	211	1.9	0.009	211	1.9	0.009
S-548	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	250	1.7	0.01	250	1.7	0.01
S-549	Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	7,189	1.7	0.283	7,189	1.7	0.283
S-550	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	4,851	2.9	0.326	4,851	2.9	0.326
S-551	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	101	4.3	0.01	101	4.3	0.01
S-552	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	268	1.6	0.01	268	1.6	0.01

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-553	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	265	1.6	0.01	265	1.6	0.01
S-554	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	485	1.8	0.02	485	1.8	0.02
S-555	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,108	2.1	0.053	1,108	2.1	0.053
S-556	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	140	0.9	0.003	140	0.9	0.003
S-557	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	210	0.4	0.002	210	0.4	0.002
S-558	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	117	3.7	0.01	117	3.7	0.01
S-559	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	84	0.5	0.001	84	0.5	0.001
S-560	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	664	4	0.061	664	4	0.061
S-561	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	327	2.9	0.022	327	2.9	0.022
S-562	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	41	1.4	0.0013	41	1.4	0.0013
S-563	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	33	1.3	0.001	33	1.3	0.001
S-564	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	821	1.6	0.03	821	1.6	0.03
S-565	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	889	1.5	0.03	889	1.5	0.03
S-566	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,484	1.5	0.05	1,484	1.5	0.05
S-567	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	67	1.3	0.002	67	1.3	0.002
S-568	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	194	2.2	0.01	194	2.2	0.01
S-569	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	92	0.9	0.002	92	0.9	0.002
S-570	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,752	2	0.124	2,752	2	0.124
S-571	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	209	2.1	0.01	209	2.1	0.01

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
S-572	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	2,464	1.1	0.06	2,464	1.1	0.06
S-573	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	572	1.5	0.02	572	1.5	0.02
S-574	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	778	1.1	0.02	778	1.1	0.02
S-575	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	427	1	0.01	427	1	0.01
S-576	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	346	-	-	346	-	-
S-577	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	1,016	1.7	0.04	1,016	1.7	0.04
S-578	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	226	2.5	0.013	226	2.5	0.013
S-579	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	169	1	0.004	169	1	0.004
S-580	Unnamed Tributary to Willson Creek	Discharge of Fill Material	River/Stream	YES	Permanent	Fill Area	Acres	75	1.2	0.002	75	1.2	0.002
OW-1	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.24	-	-	0
OW-2	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	1.02	-	-	0
OW-3	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0.04
OW-4	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.27	-	-	0.27
OW-5	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.31	-	-	0
OW-6	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.59	-	-	0.59
OW-7	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0.05
OW-8	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.17	-	-	0.17
OW-9	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0.12
OW-10	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0.03

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
OW-11	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
OW-12	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
OW-13	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.15	-	-	0.15
OW-14	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.27	-	-	0.27
OW-15	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.09	-	-	0.09
OW-16	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.26	-	-	0
OW-17	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.22	-	-	0.22
OW-18	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.38	-	-	0.38
OW-19	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
OW-20	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.5	-	-	0.5
OW-21	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.79	-	-	0.79
OW-22	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0.12
OW-23	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.58	-	-	0.58
OW-24	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.15	-	-	0.15
OW-25	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.19	-	-	0.19
OW-26	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.26	-	-	0.26
OW-27	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.31	-	-	0
OW-28	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.15	-	-	0
OW-29	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
OW-30	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.003	-	-	0
OW-31	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.003	-	-	0
OW-32	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
OW-33	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0.05
OW-34	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.25	-	-	0.25
OW-35	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.65	-	-	0.65
OW-36	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0.02
OW-37	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.08	-	-	0.08
OW-38	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.11	-	-	0.11
OW-39	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.39	-	-	0.39
OW-40	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.72	-	-	0.72
OW-41	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.32	-	-	0.32
OW-42	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.48	-	-	0.48
OW-43	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	1.5	-	-	1.5
OW-44	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.26	-	-	0.26
OW-45	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
OW-46	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
OW-47	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
OW-48	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.78	-	-	0.78

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
OW-49	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.06	-	-	0
OW-50	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.14	-	-	0.14
OW-51	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.15	-	-	0.15
OW-52	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.42	-	-	0.42
OW-53	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0.04
OW-54	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0.03
OW-55	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.21	-	-	0.21
OW-56	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.16	-	-	0.16
OW-57	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.7	-	-	0.7
OW-58	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0.12
OW-59	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.61	-	-	0.61
OW-60	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.54	-	-	0
OW-61	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.36	-	-	0
OW-62	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.07	-	-	0
OW-63	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.76	-	-	0
OW-64	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	1.05	-	-	0
OW-65	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	4.92	-	-	0
OW-66	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	2.01	-	-	0
OW-67	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	1.43	-	-	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
OW-68	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.5	-	-	0
OW-69	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.28	-	-	0
OW-70	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
OW-71	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
OW-72	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0
OW-73	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	1.33	-	-	0
OW-74	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
OW-75	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.38	-	-	0
OW-76	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
OW-77	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
OW-78	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
OW-79	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.27	-	-	0
OW-80	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.96	-	-	0
OW-81	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
OW-82	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.16	-	-	0
OW-83	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
OW-84	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.19	-	-	0
OW-85	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
OW-86	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.1	-	-	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
OW-87	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.49	-	-	0
OW-88	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
OW-89	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
OW-90	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.21	-	-	0
OW-91	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
OW-92	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.13	-	-	0
OW-93	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.07	-	-	0
OW-94	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.24	-	-	0
OW-95	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.1	-	-	0
OW-96	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.08	-	-	0
OW-97	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0.03
OW-98	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.64	-	-	0.64
OW-99	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.1	-	-	0.1
OW-100	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
OW-101	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.38	-	-	0.38
OW-102	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.055	-	-	0.005
OW-103	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.15	-	-	0.15
OW-104	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0.02
OW-105	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.67	-	-	0.67

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
OW-106	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.53	-	-	0.53
OW-107	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	1.59	-	-	1.59
OW-108	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	3.45	-	-	3.45
OW-109	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.82	-	-	0
OW-110	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.59	-	-	0.59
OW-111	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.83	-	-	0.83
OW-112	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	1.55	-	-	1.55
OW-113	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0.02
OW-114	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.06	-	-	0.06
OW-115	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.53	-	-	0.53
OW-116	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0.12
OW-117	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.9	-	-	0.9
OW-118	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	3.43	-	-	3.43
OW-119	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.63	-	-	0.63
OW-120	Pond	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	0.09	-	-	0.09
W-1	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.1	-	-	0.1
W-2	Scrub-Shrub Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.16	-	-	0.16
W-3	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-4	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0.02

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
W-5	Scrub-Shrub Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.09	-	-	0.09
W-6	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.68	-	-	0.68
W-7	Scrub-Shrub Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.92	-	-	0.92
W-8	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.22	-	-	0.22
W-9	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-10	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.08	-	-	0
W-11	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.1	-	-	0
W-12	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0.05
W-13	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.004	-	-	0
W-14	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-15	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.11	-	-	0
W-16	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.2	-	-	0.2
W-17	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0.03
W-18	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0.03
W-19	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0.02
W-20	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.26	-	-	0.26
W-21	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0.05
W-22	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.06	-	-	0.06
W-23	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
W-24	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-25	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-26	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0
W-27	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-28	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-29	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
W-30	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.3	-	-	0
W-31	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.69	-	-	0
W-32	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.11	-	-	0
W-33	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0
W-34	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-35	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-36	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-37	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-38	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.28	-	-	0
W-39	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.15	-	-	0
W-40	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.22	-	-	0
W-41	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-42	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
W-43	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-44	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-45	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-46	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.004	-	-	0
W-47	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-48	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-49	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-50	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-51	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-52	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-53	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-54	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-55	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-56	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-57	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-58	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-59	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-60	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	1.17	-	-	0
W-61	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
W-62	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.27	-	-	0
W-63	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-64	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.13	-	-	0
W-65	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	1.18	-	-	0
W-66	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-67	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.14	-	-	0
W-68	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.08	-	-	0
W-69	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-70	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.1	-	-	0
W-71	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0.05
W-72	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0.03
W-73	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.39	-	-	0.39
W-74	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0.12
W-75	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-76	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0.12
W-77	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0.03
W-78	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-79	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.82	-	-	0
W-80	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
W-81	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.14	-	-	0
W-82	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.35	-	-	0
W-83	Scrub-Shrub Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-84	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.25	-	-	0
W-85	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.07	-	-	0
W-86	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-87	Scrub-Shrub Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.13	-	-	0
W-88	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.46	-	-	0
W-89	Scrub-Shrub Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.9	-	-	0
W-90	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.07	-	-	0
W-91	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0.02
W-92	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.3	-	-	0.3
W-93	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-94	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-95	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0.04
W-96	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-97	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.06	-	-	0.06
W-98	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0.03
W-99	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0.05

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
W-100	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0.04
W-101	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-102	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0.12
W-103	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-104	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0.01
W-105	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.07	-	-	0.07
W-106	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.15	-	-	0
W-107	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
W-108	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0
W-109	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-110	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.15	-	-	0
W-111	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.09	-	-	0
W-112	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.14	-	-	0
W-113	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-114	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-115	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.2	-	-	0
W-116	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-117	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.002	-	-	0
W-118	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.08	-	-	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
W-119	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-120	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.07	-	-	0
W-121	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-122	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.07	-	-	0
W-123	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.25	-	-	0
W-124	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
W-125	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0
W-126	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-127	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-128	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-129	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-130	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.35	-	-	0
W-131	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.71	-	-	0
W-132	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.07	-	-	0
W-133	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.42	-	-	0
W-134	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.88	-	-	0
W-135	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-136	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.05	-	-	0
W-137	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
W-138	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.54	-	-	0
W-139	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	6.02	-	-	0
W-140	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.1	-	-	0
W-141	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.19	-	-	0
W-142	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.12	-	-	0
W-143	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.81	-	-	0
W-144	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	5.61	-	-	0
W-145	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-146	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-147	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-148	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-149	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-150	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-151	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.26	-	-	0
W-152	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.29	-	-	0
W-153	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0
W-154	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.06	-	-	0
W-155	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-156	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
W-157	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-158	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0
W-159	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.01	-	-	0
W-160	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-161	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0
W-162	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.09	-	-	0
W-163	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.18	-	-	0.18
W-164	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.04	-	-	0.04
W-165	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.0003	-	-	0.0003
W-166	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.03	-	-	0.03
W-167	Forested Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.26	-	-	0.26
W-168	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.85	-	-	0.47
W-169	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.02	-	-	0.02
W-170	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.22	-	-	0.15
W-172	Emergent Wetland	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	0.06	-	-	0.06

Waters Name	Name	Activity	Resource Type	Permanent Loss	Impact Duration	Amount Type	Amount Units	Initially Proposed Length	Initially Proposed Width	Initially Proposed Amount	Proposed Length	Proposed Width	Proposed Amount
-	Emergent Wetland Subtotal	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	29.26			3.16
-	Forested Wetland Subtotal	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	2.74	-	-	1.36
-	Scrub-Shrub Wetland Subtotal	Discharge of fill material	Non-Tidal Wetland	YES	Permanent	Fill Area	Acres	-	-	2.23	-	-	1.17
-	Intermittent Stream Subtotal	Discharge of fill material	River / Stream	YES	Permanent	Fill Area	Acres	106,341	-	17.83	36,306	-	-
-	Ephemeral Stream Subtotal	Discharge of fill material	River / Stream	YES	Permanent	Fill Area	Acres	347,437	-	26.24	237,448	-	-
-	Perennial Stream Subtotal	Discharge of fill material	River / Stream	YES	Permanent	Fill Area	Acres	1,705	-	0.53	403	-	-
-	On-channel Pond Subtotal	Discharge of fill material	Pond	YES	Permanent	Fill Area	Acres	-	-	50.14	-	-	29.51