



**STATE OF MARYLAND  
DEPARTMENT OF THE ENVIRONMENT  
WATER AND SCIENCE ADMINISTRATION**



**WATER QUALITY CERTIFICATION**

**CERTIFICATION NUMBER:** 21-WQC-0329

**ISSUED TO:** Microsoft Corporation  
One Microsoft Way  
Redmond, Washington 98052

**EFFECTIVE DATE:** October 8, 2021

**PROJECT LOCATION:** 8271 Dorsey Run Road  
Annapolis Junction, Maryland 20701

**DESCRIPTION OF CERTIFIED PROJECT:** to construct a multi-unit data center with all necessary attendant infrastructure (utilities, SWM facilities, connecting roads, buildings, parking, sidewalks, etc.) and anti-terrorism security fencing. The work includes clearing, grading filling. The project will permanently impact 16,192 square feet (0.37 acres) of forested nontidal wetlands, 10,689 square feet (0.25 acres) of emergent nontidal wetlands, 36,460 square feet (0.84 acres) of 25-foot nontidal wetland buffer, 2,459 linear feet (15,265 square feet) of intermittent stream and 162,631 square feet (62,936 cubic yards) of 100-year nontidal floodplain. Mitigation is required by this project and will be satisfied on-site with the relocation of the intermittent stream to the north of the site and creation of compensatory wetland mitigation with wetland creation and plantings associated with the new stream channel design and according to the approved Phase I Mitigation Plan. The project will affect Dorsey Run (Use I).

**WATER QUALITY CERTIFICATION**

**UNDER AUTHORITY OF SECTION 401 OF THE FEDERAL WATER POLLUTION CONTROL ACT AND ITS AMENDMENTS AND IN ACCORDANCE WITH § 9-313 THROUGH § 9-323, INCLUSIVE, OF THE ENVIRONMENT ARTICLE, ANNOTATED CODE OF MARYLAND, THE MARYLAND DEPARTMENT OF THE ENVIRONMENT, WATER AND SCIENCE ADMINISTRATION HAS DETERMINED THAT THE REGULATED ACTIVITIES DESCRIBED IN THE REQUEST FOR CERTIFICATION FOR THE PROPOSED CONSTRUCTION OF A MULTI-UNIT DATA CENTER WILL NOT VIOLATE MARYLAND'S WATER QUALITY STANDARDS, IF CONDUCTED IN ACCORDANCE WITH THE CONDITIONS OF THIS CERTIFICATION INCLUDING THE NWP REGIONAL PERMIT CONDITIONS AND NWP GENERAL PERMIT CONDITIONS.**

**THIS CERTIFICATION DOES NOT RELIEVE THE APPLICANT OF RESPONSIBILITY FOR OBTAINING ANY OTHER APPROVALS, LICENSES, OR PERMITS IN ACCORDANCE WITH FEDERAL, STATE, OR LOCAL REQUIREMENTS AND DOES NOT**

AUTHORIZE COMMENCEMENT OF THE PROPOSED PROJECT. A COPY OF THIS REQUIRED CERTIFICATION HAS BEEN SENT TO THE CORPS OF ENGINEERS. THE CERTIFICATION HOLDER SHALL COMPLY WITH THE CONDITIONS LISTED BELOW.

### GENERAL CONDITIONS

1. If the Department determines that State water quality standards or other appropriate requirements of state law or regulation are not being met, or that State or federal law is being violated, or that further conditions are necessary to assure compliance with such standards, requirements, or laws, the Department may reevaluate and revise this Certification to include conditions appropriate to assure compliance with such standards, requirements, and laws.

Statement of Necessity for Condition: The condition is necessary to ensure that water quality standards are met and that designated uses of waters are maintained.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 & 4; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.17.04; COMAR 26.23; COMAR 26.24; COMAR 26.23.02.06, COMAR 26.08, COMAR 26.08.02.10E

2. This Certification does not obviate the need to obtain required authorizations or approvals from other State, federal or local agencies as required by law.

Statement of Necessity for Condition: The condition is necessary to ensure that water quality standards are met.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.08.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24; COMAR 26.23.02.06

3. This Certification does not authorize any injury to private property, any invasion of rights, or any infringement of federal, state, or local laws or regulations.

Statement of Necessity for Condition: The condition is necessary to clarify the scope of this certification to ensure compliance with water quality regulations, without limiting restrictions through other requirements.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env.

Article, Title 16; COMAR 26.08, COMAR 26.08.02.10E; COMAR 26.23.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24

4. The Certification Holder shall allow authorized representatives of the Department access to the site of authorized activities during normal business hours to conduct inspections and evaluations of the operations and records necessary to assure compliance with this Certification.

Statement of Necessity for Condition: Conditions of certification involve precise actions to comply with water quality standards. Site inspection may be necessary to ensure that limits, methods, and other requirements are met to ensure that water quality standards are met and designated uses are maintained.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.23.02.06; COMAR 26.23; COMAR 26.24; COMAR 26.17.04

5. The Certification Holder shall meet all performance standards and conditions required by the Department for activities in tidal wetlands, nontidal waterways, their 100-year floodplains, nontidal wetlands, nontidal wetland buffers, or nontidal wetland expanded buffers to ensure that any discharges which may enter waters of this State will not result in a failure to comply with water quality standards in COMAR 26.08.02. or other water quality requirements of state law or regulation.

Statement of Necessity for Condition: The condition is necessary to ensure that water quality standards are met and that designated uses of waters are maintained.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.17.04; COMAR 26.23; COMAR 26.24; COMAR 26.08.02.10E; COMAR 26.23.02.06

6. The Certification Holder shall obtain any and all additional authorizations or approvals, including self-certifying General Permits issued by MDE, and shall comply with all conditions of such authorizations.

Statement of Necessity for Condition: The condition is necessary to ensure that water quality standards are met and to maintain designated uses of waters.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env.

Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.23.02.06; COMAR 26.17.01; COMAR 26.23; COMAR 26.24

7. The proposed project shall be constructed in accordance with the approved final plan by the Department, or, if Department approval is not required, the plan approved by the ACOE; and its approved revisions.

Statement of Necessity for Condition: The condition is necessary to ensure that water quality standards are met and designated uses are maintained.

Citation: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.08.02.10G(3); COMAR 26.08.02.02B(1); 26.08.02.03B(1)(b); 26.08.02.03B(2)(e); COMAR 26.23.02.06; COMAR 26.17.04; COMAR 26.23; COMAR 26.24; COMAR 26.23.02.06

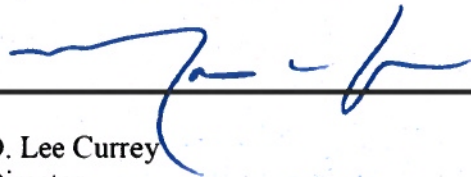
8. This Certification is valid for the project identified herein and the associated U.S. Army Corps of Engineers authorization 202061758 until such time that it expires or is not administratively extended.

Statement of Necessity for Condition: This condition is necessary to qualify the period of applicability of the terms and conditions of this Certification to be protective of Maryland water quality standards.

Citations: Federal and state laws that authorize this condition include but are not limited to: 33 U.S.C. § 1341(a), (b), & (d); 33 U.S.C. § 1251(b); 33 U.S.C. § 1370; 40 C.F.R. 121, 15 C.F.R. 930, Md. Ann. Code, Env. Article, Title 1, Subtitles 3 and 4; Md. Ann. Code, Env. Article, Title 5, Subtitles 5 and 9; Md. Ann. Code, Env. Article, Title 9, Subtitle 3; Md. Ann. Code, Env. Article, Title 16; COMAR 26.08; COMAR 26.23.02.06; COMAR 26.23; COMAR 26.24; COMAR 26.17.04

CERTIFICATION APPROVED:

DATE: October 8, 2021



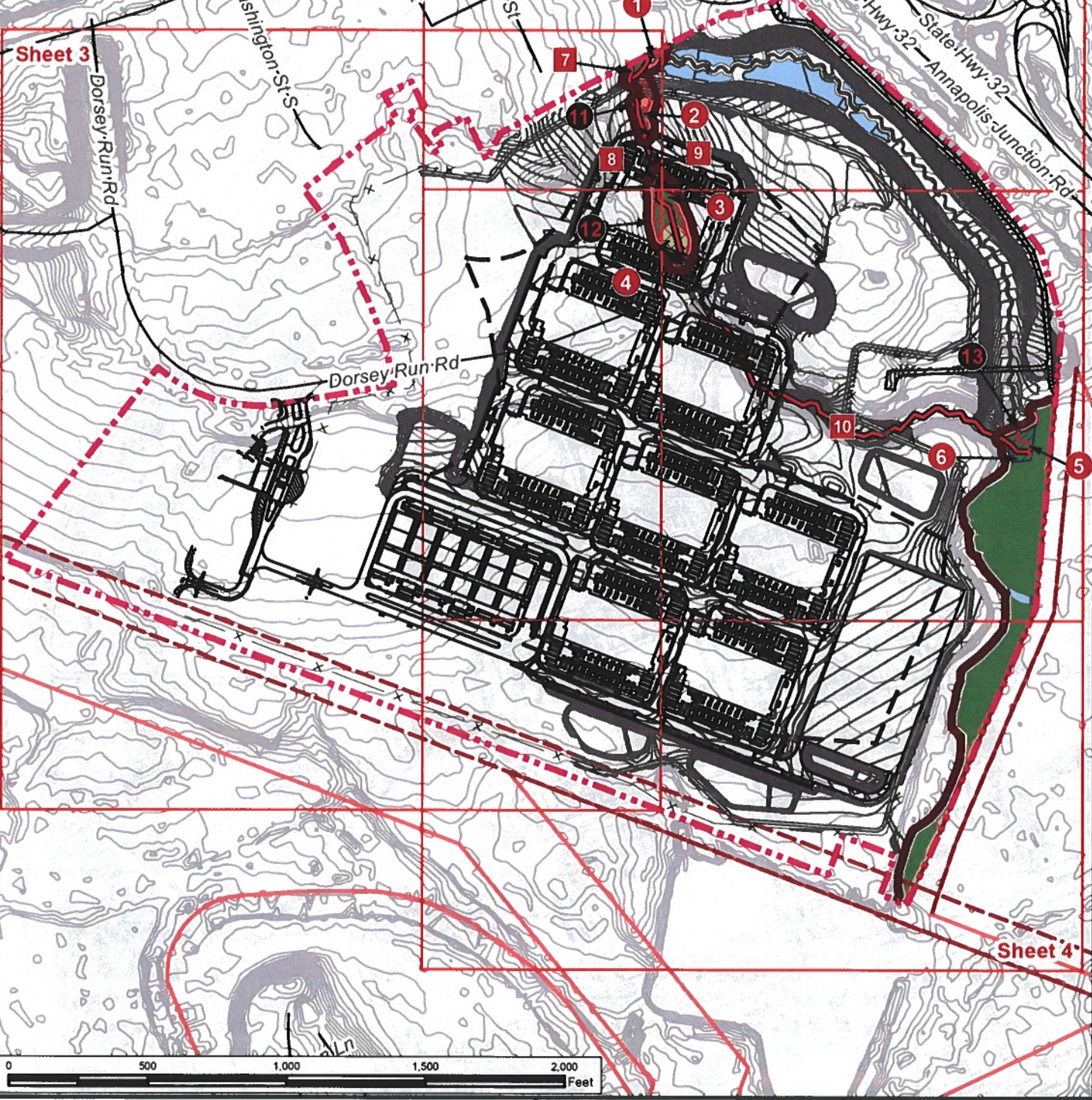
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D. Lee Currey  
Director  
Water and Science Administration

Tracking Number: 202061758  
Agency Interest Number: 75055

cc: WSA, Compliance Program w/file  
Mike Cunningham, JMT

Impact ID	Wetland (sq. ft)				Conversion		Wetland Buffer (sq. ft)		Stream (ft)	
	Impact		Temporary		Permanent		Temporary		Permanent	
	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent	Temporary	Permanent
1		4,201								
2		2,726								
3		12,828								
4		10,686								
5		925								
6	0.490									
7									56	
8									628	
9									94	
10									1,352	
11									19,761	
12									15,206	
13									6,452	
Total	0.490 ac	30,349 sq ft	0.00 ac	0.00 ac	0.00 ac	0.00 ac	46,209 sq ft	1.06 ac	0 ft	2,632 ft



**YEL01**  
 ANNE ARUNDEL COUNTY, MARYLAND  
**FIGURE 5: STREAM AND WETLAND IMPACTS MAP**

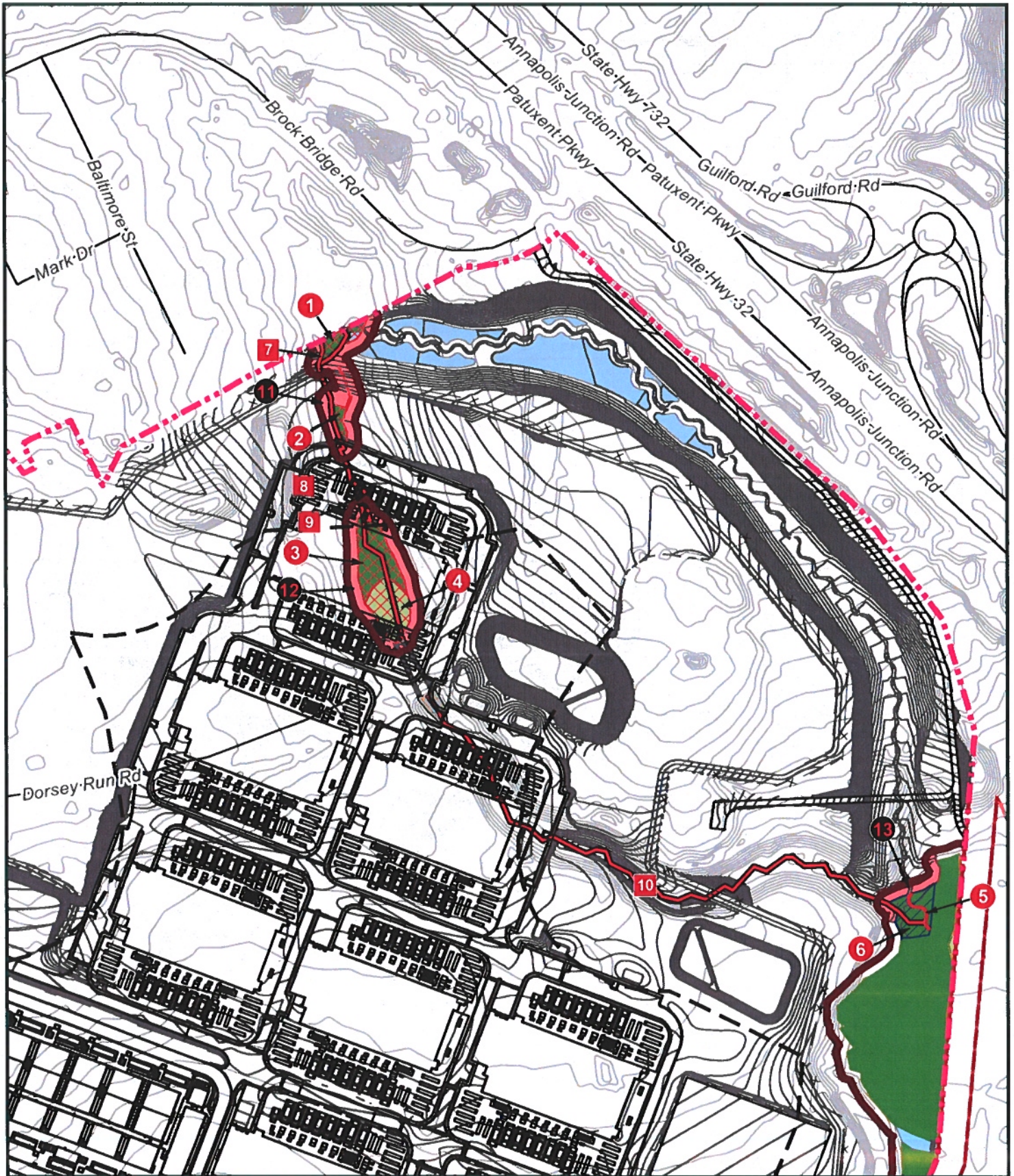
TIMMONS GROUP JOB NUMBER: 45080  
 PROJECT STUDY LIMITS: 161.8 ACRES  
 LATITUDE: 39.118803  
 LONGITUDE: -76.789664

20-NT-0262/21-WQC-0329/20206175821

**TIMMONS GROUP**  
 YOUR VISION ACHIEVED THROUGH OURS.

U.S.G.S. QUADRANGLE(S): LAUREL  
 DATE(S): 2019  
 WATERSHED(S): PATUXENT (UPPER CHESAPEAKE RIVER BASIN)  
 HYDROLOGIC UNIT CODE(S): 02060006

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**YEL01**  
 ANNE ARUNDEL COUNTY, MARYLAND  
**FIGURE 5: STREAM AND WETLAND IMPACTS MAP**

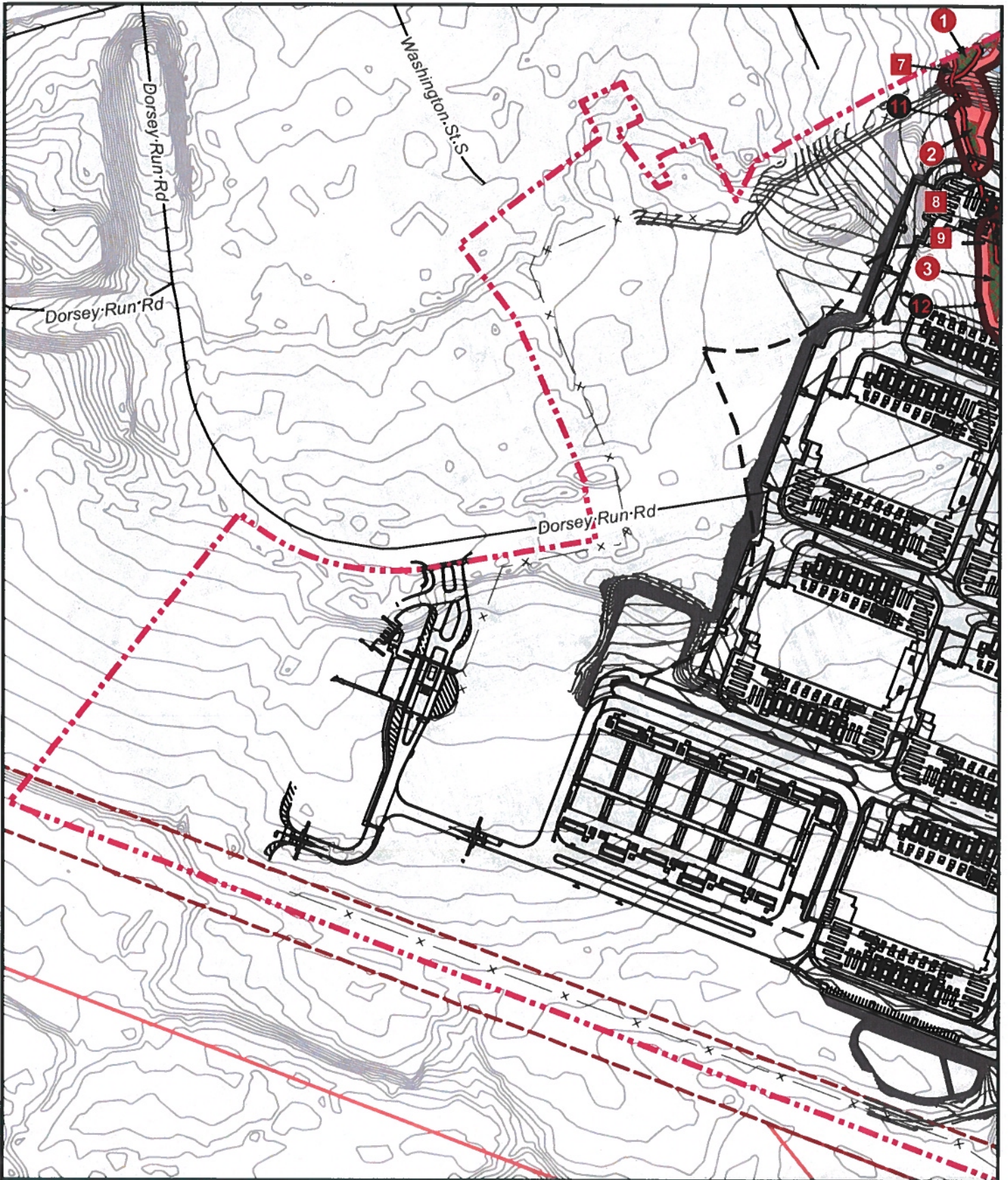
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**YEL01**  
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**FIGURE 5: STREAM AND WETLAND IMPACTS MAP**

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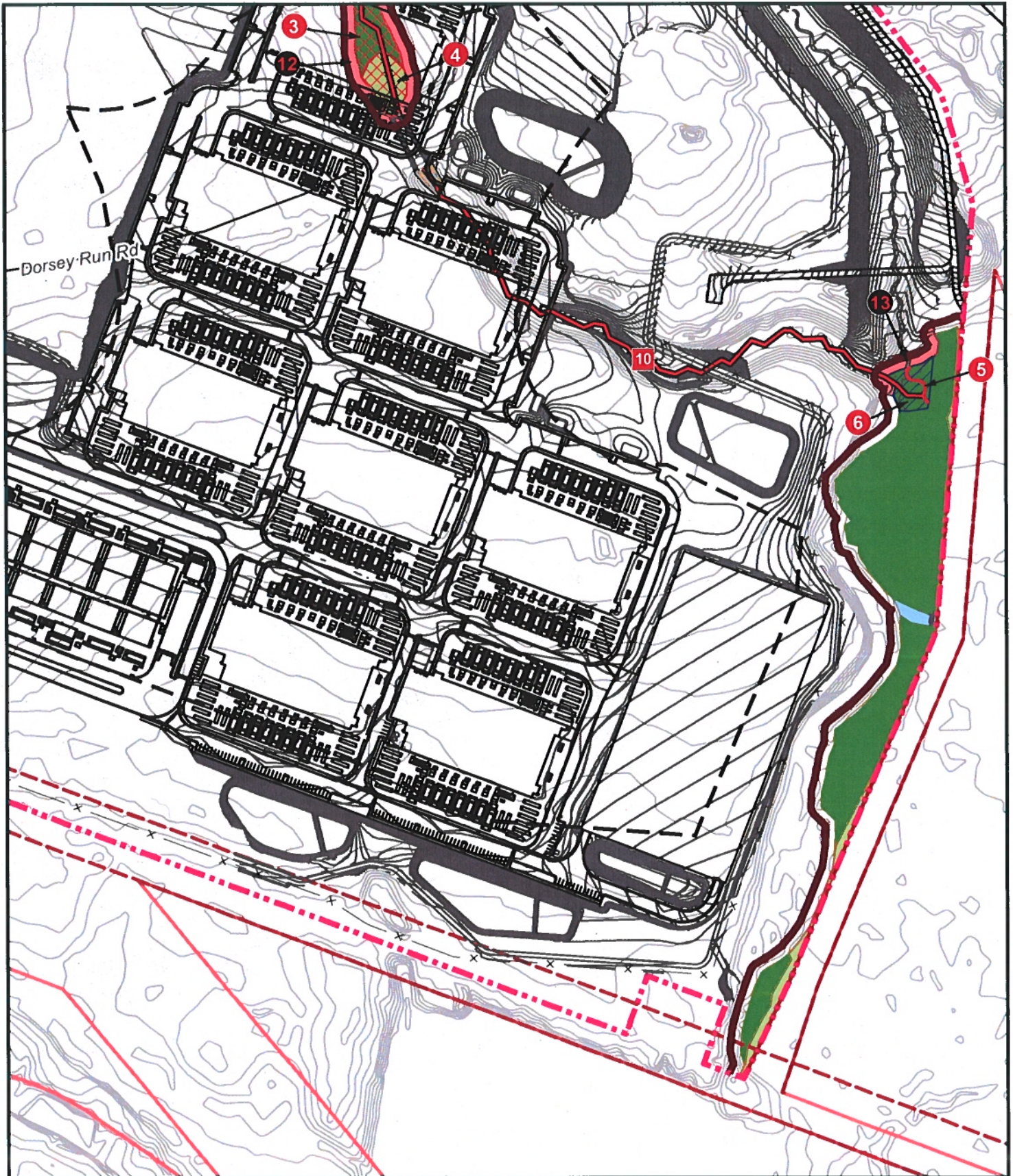
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**FIGURE 5: STREAM AND WETLAND IMPACTS MAP**

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