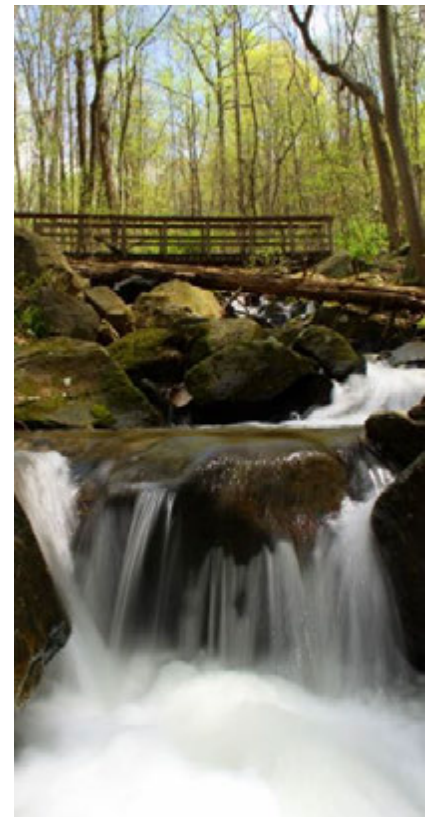




Highlands Council Meeting

January 20, 2022



Highlands Applicability Determination (HAD) Exemption #11 with request for Health and Safety Waiver

Butler Water Treatment Plant Upgrades

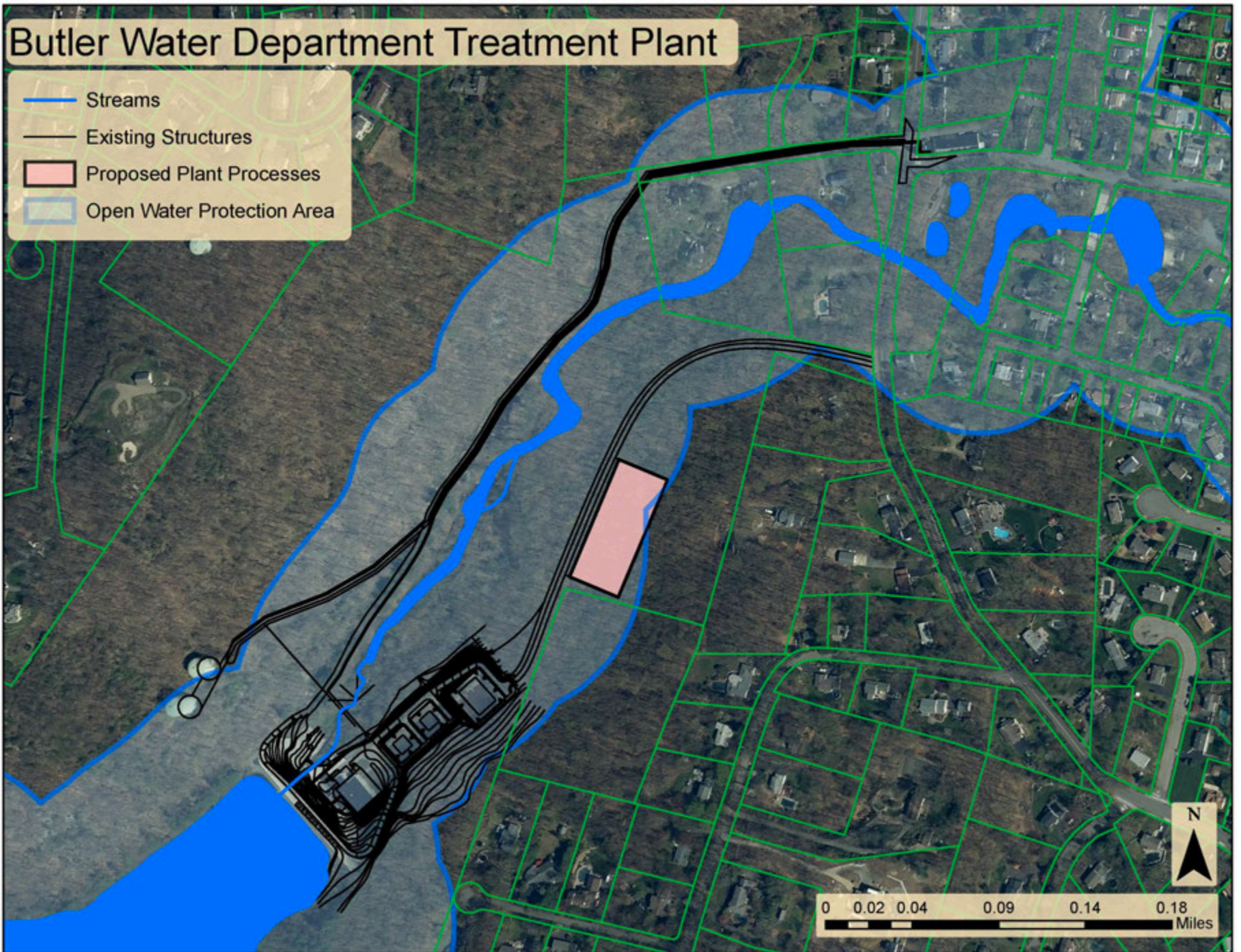
Project Summary

- Butler Water Department – Butler Reservoir
- Improvement of existing filtration vessels
- Consolidation of treatment processes to one area at Block 46001, Lot 101
- Construction of a new access road

Municipality:	Kinnelon Borough
County:	Morris
Highlands Act Area:	Preservation Area
LUCZ Location:	Protection Zone
Property:	Block 45301, Lot 110; Block 46001, Lot 101
Proposed Use:	Water Treatment Plant and Access Road

Butler Water Department Treatment Plant

- Streams
- Existing Structures
- Proposed Plant Processes
- Open Water Protection Area



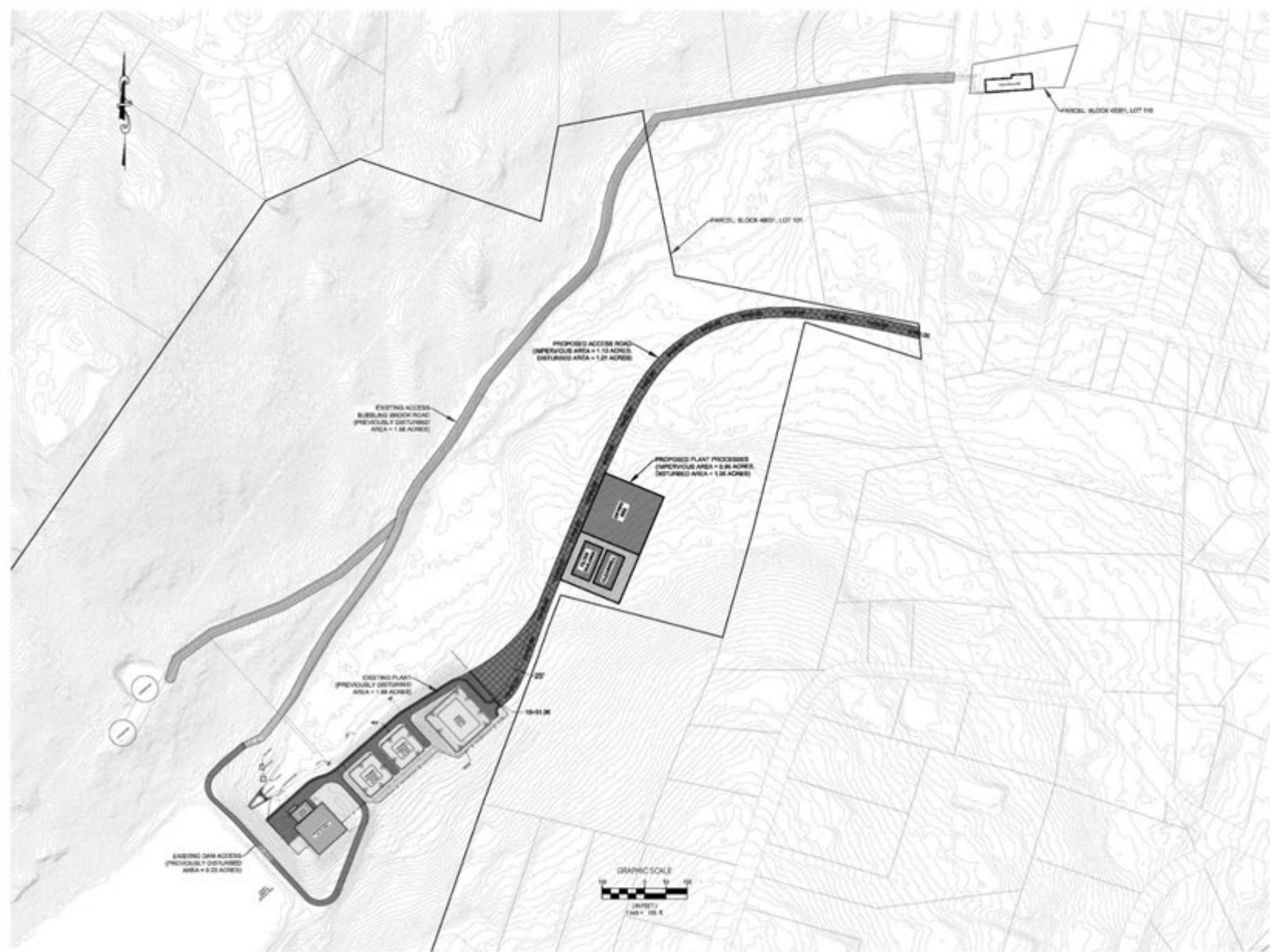












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DATE	DESCRIPTION

PATRICK K. COLE, P.E.
PROFESSIONAL ENGINEER - CIVIL

PROJECT	DATE	SCALE	BY	CHK
Butler Water Treatment Plant Improvements	06/15/2021	AS SHOWN		

Butler Water Treatment Plant Improvements

Bubbling Brook Road

Block 46001, Lot 101

Borough of Butler
County of Morris
New Jersey

SCHEMATIC DRAWING

CONCEPTUAL PROPOSED SITE PLAN

C1.1

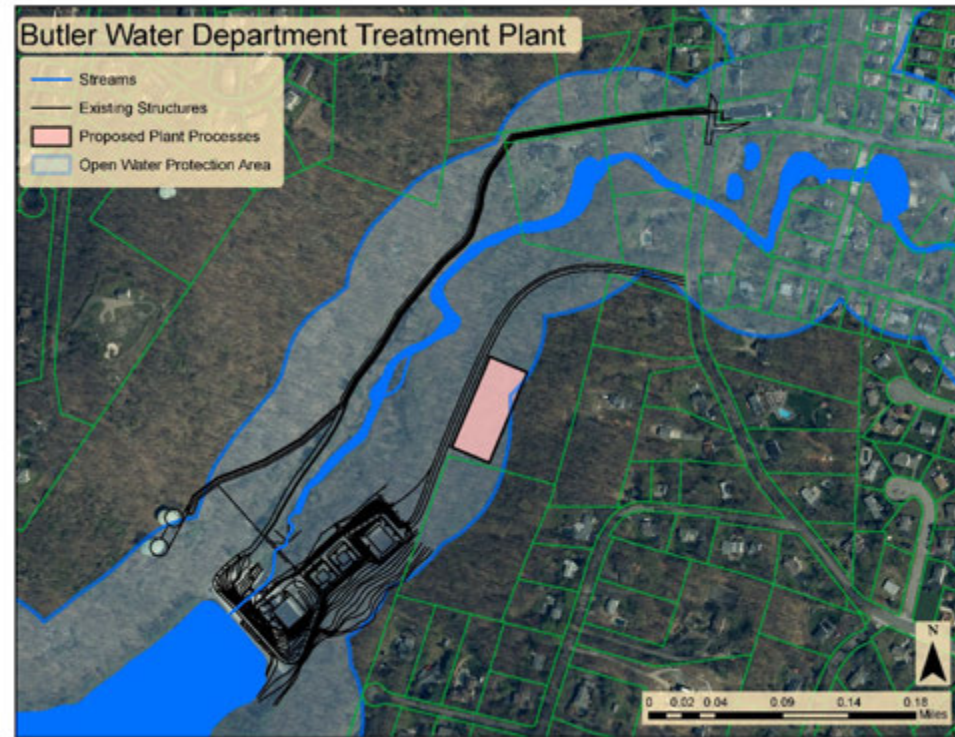
Summary of Impacts to Highlands Resources

Highlands Layer	Disturbance Area of Proposed Road	Disturbance Area of Proposed Building	Total Proposed Disturbance Area	Percentage of Parcel Disturbed
Total Forest Area	47,975 ft ²	41,250 ft ²	89,225 ft ² / 2.05 acres	0.48%
Forest Resource Area	47,975 ft ²	41,250 ft ²	89,225 ft ² / 2.05 acres	0.48%
Highlands Open Water Protection Area	46,632 ft ²	40,280 ft ²	87,521 ft ² / 2.01 acres	0.47%
Highlands Riparian Area	46,632 ft ²	22,382 ft ²	65,484 ft ² / 1.50 acres	0.35%
Prime Groundwater Recharge Area	47,975 ft ²	41,250 ft ²	89,225 ft ² / 2.05 acres	0.48%
Critical Wildlife Habitat	47,975 ft ²	41,250 ft ²	89,225 ft ² / 2.05 acres	0.48%
Steep Slope Protection Area (Severely Constrained)	16,688 ft ²	7,040 ft ²	23,728 ft ² / 0.54 acres	0.13%

All impacts can be mitigated to achieve consistency with the Highlands Act and RMP, except impact to Highlands Open Water Protection Area, which is why health and safety waiver is required.

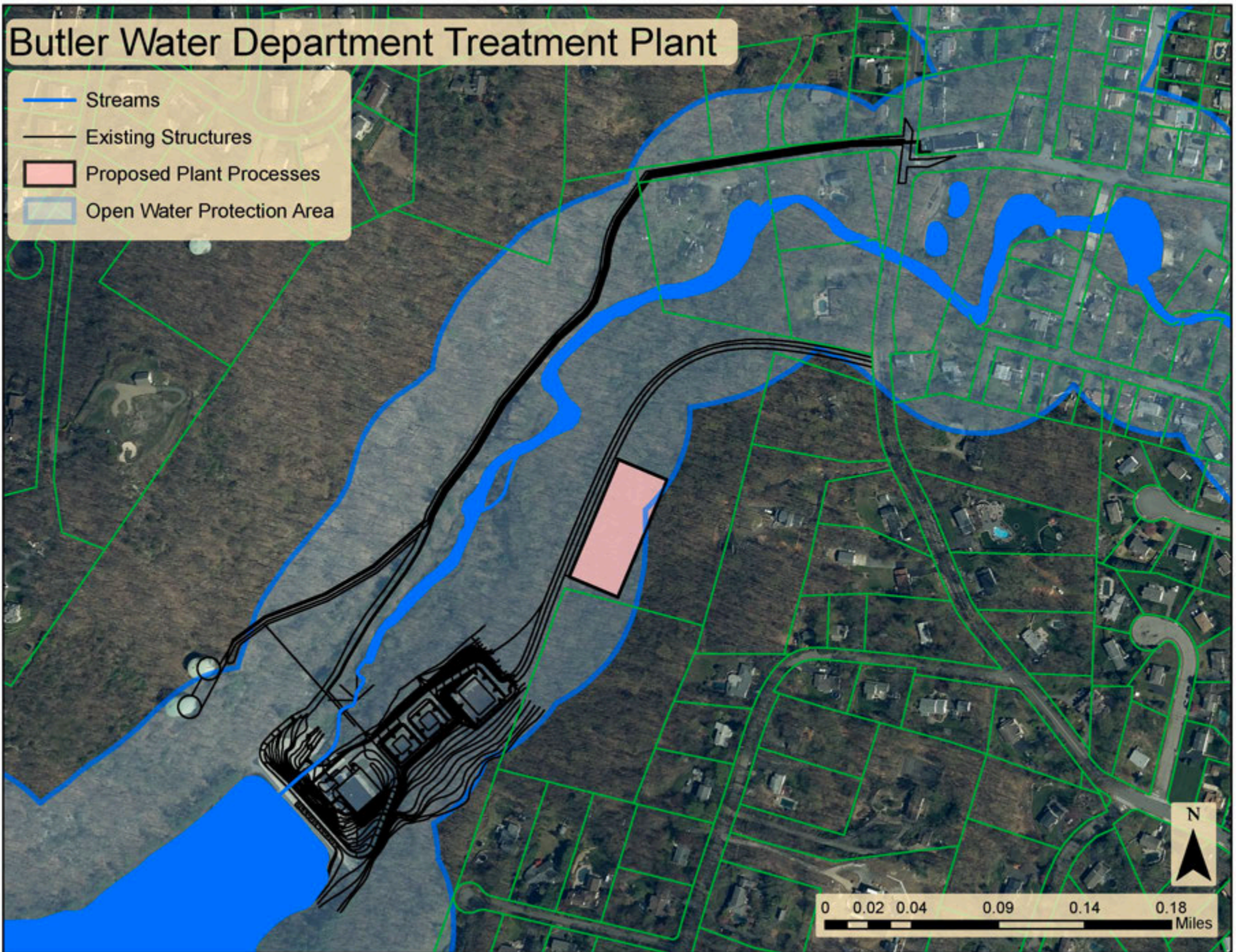
Impacts to Highlands Open Waters

- The creation of the proposed road and new processes will create disturbance within the Highlands Open Water Buffers.
- The proposed road presents the least impacts to existing resources compared to alternate options presented in the application materials.
- Impacts to Highlands Open Water Protection Area buffers cannot be fully mitigated or avoided, therefore the Borough of Butler requests a public health and safety waiver.



Butler Water Department Treatment Plant

- Streams
- Existing Structures
- Proposed Plant Processes
- Open Water Protection Area



Highlands Council Review

- Exemption 11 issued by NJDEP must first be found consistent with the Act and RMP by the Highlands Council.
- Approval of a public health and safety waiver to permit Highlands Open Waters Buffer encroachment required to deem project consistent.
- Public Comment Period from December 3 to January 3, no comments were received.
- Staff recommends finding that the proposed Butler Water Department Treatment Plant Upgrades are Consistent with the Highlands Act with conditions as outlined in the Consistency Report provided to Council.