

COASTAL ZONE ENVIRONMENTAL IMPACT OFFSET MATRIX

Applicant:
Project:
CZA Offset Review Reference: (DNREC Only)

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Application Date:
Amendments:
Offset Review Date: (DNREC Use Only)
Matrix Amended:

ENVIRONMENTAL IMPACTS	(Applicant's Use) DESCRIBE ENVIRONMENTAL IMPACTS	PAGE NO.	(Applicant's Use) DESCRIBE ENVIRONMENTAL OFFSET PROPOSAL¹	PAGE NO.	(DNREC Use Only) OFFSET SUFFICIENCY Yes, No or N/A
Air Quality (Applicant to List Below by Parameter)	None – There will be no project related air discharges		None required		
Water Quality					
Surface	None – Surface water quality will be handled in accordance with the Sediment and Stormwater Plan implemented by Sussex Conservation District		None required		
Groundwater	Domestic wastewater will be treated to drinking water standards before being discharged.		None required		
Water Quantity					
Surface	None – Surface water quantity will be handled in accordance with the Sediment and Stormwater Plan implemented by Sussex Conservation District		None required		
Groundwater	2 million gallons of treated domestic wastewater will be discharged to the groundwater using rapid infiltration basins.		None required		
Water Use For:					
Processing	None – There will be no additional water required for processing		None required		
Cooling	None – Project does not require cooling		None required		
Effluent Removal	None – There is no water use for effluent removal		None required		
Solid Waste	Biosolids 8000 lb/day – Generated solid waste will be disposed of in a DSWA landfill outside the Coastal Zone	21	Septic system elimination within the coastal zone	21	
Hazardous Waste	None – There will be no project related hazardous waste		None required		
Habitat					
Wetlands	None – No wetlands will be disturbed by the project		None required		
Flora Fauna	Approximately 10 acres for construction of treatment facility	23	Designation of buffer zones and planting of trees and shrubs as part of landscape	23	
Drainage/Flood Control	None – Project is on a flat site where all runoff will be handled on site in accordance with the Delaware Sediment and Stormwater Regulation		None required		
Erosion ²	None – Project is on a flat site. Erosion control during construction will be handled on site in accordance with the Delaware Erosion and Sediment Control Handbook		None required		
Land Use Effects					
Glare	None – There will be no noticeable effect		None required		
Heat	None – There will be no noticeable effect		None required		
Noise	None – There will be no noticeable effect		None required		
Odors	None – There will be no noticeable effect		None required		
Vibration	None – There will be no noticeable effect		None required		
Radiation	None – There will be no noticeable effect		None required		
Electro-Magnetic Interference	None – There will be no noticeable effect		None required		
Other Effects	None – There will be no noticeable effect		None required		
Threatened & Endangered Species					
Impacts From:					
Raw Material	None		None required		
Intermediate Products	None		None required		
By-Products	None		None required		
Final Products	None		None required		

¹ See paragraph I.1.b in "Secretary Assessment"

² Construction and normal operation