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LETTER REQUESTING AUTHORIZATION OF TREATED GROUNDWATER DISCHARGE TO
THE CITY OF ST MARYS POINT PETER SEWAGE TREATMENT FACILITY (POTW) NSB
KINGS BAY GA
6/4/1994
NSB KINGS BAY

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Ser N56/0021
03 JAN 1994

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Georgia Department of Natural Resources
Attn: Mr. Jim Sommerville, Manager
Municipal Permitting Program
4244 International Parkway, Suite 110
Atlanta, GA 30354

Dear Mr. Sommerville:

This is to formally request your authorization to allow discharge of treated groundwater to the City of St. Marys Point Peter sewage treatment facility (POTW).

For your information, we are providing two copies of Request For Authorization For Groundwater Discharge into the St. Marys Point Peter Sewage Treatment Facility, enclosure (1), and one copy of Draft Final RFI Interim Report for Site 11, Volumes I & II, enclosure (2). The RFI Interim Report has been reviewed and accepted by the Environmental Protection Division. Mr. Bruce Khaleghi and Ms. Madeleine Kellam are our contacts in EPD's Hazardous Waste Department.

As part of our Interim Measure pilot remediation, groundwater will be extracted from five recovery wells installed near the Old County Landfill (Site 11) on SUBASE property. The water will be treated on-site to meet State and Federal drinking water standards and will then be discharged to the Point Peter facility. Connection to the sewer system will be made at a manhole located at the Crooked River Elementary School.

Currently, the Point Peter facility operates at approximately 79 percent of its permitted capacity of 800,000 gallons per day (gpd). The proposed maximum treatment system discharge flow of 86,400 gpd (60 gpm, 24 hours per day) would represent approximately 11 percent additional flow. The Point Peter facility has the ability, if needed, to divert flow to the City's Weed Street facility, which operates well below rated capacity. The Point Peter plant is an activated sludge process which operates under a land application permit and has discharge limitations of 50mg/l BOD and 50 mg/l TS. The discharge of the treated groundwater to the facility will not adversely affect these parameters.

The intended duration for discharge to the Point Peter facility is up to ten months. This includes six weeks of pilot scale testing to begin February 10, 1994 and eight months of continued

operation of the treatment system during the design and implementation of a full-scale Interim Measure.

We are working closely with the St. Mary's City Manager, Mr. Mike Mahaney, and the City's consulting engineers in all aspects of this project. Currently, we are sharing extensive technical information with the consulting firm, to enable the City to complete a full technical evaluation of the proposed discharge concurrently with this request for authorization.

As ABB Environmental Services is the operator of the pilot-scale test we request that you provide a copy of your authorization to them at ABB Environmental Systems, Inc., Attn: Mr. Frank Cater, 1400 Centerpoint Blvd., Suite 158, Knoxville, TN 37922.

We thank you for your consideration of this request and the continuing assistance you are providing to us and to ABB-ES. If you have questions regarding this request or the enclosed documents please contact Mr. John Garner at (912)673-8845. Please address all correspondence to "Commanding Officer, Naval Submarine Base, 1063 USS Tennessee Avenue, Kings Bay, GA 31547-2606."

Sincerely,

L.P. SCULLION
CAPTAIN, CEC, USN
PUBLIC WORKS OFFICER
BY DIRECTION OF THE
COMMANDING OFFICER

Encl:

- (1) Request For Authorization For Groundwater Discharge
- (2) Draft Final RFI Interim Report, Volumes I & II

Copy to:

City of St. Marys, Mike Mahaney (w/1 copy encl (1))
GaDNR (EPD), Bruce Khaleghi (w/1 copy encl (1))
ABB-ES (Frank Cater)
Mayes, Sudderth, and Etheredge, Tom Bailey (w/1 copy encl (1))

Blind Copy to:

→ SOUTHNAVFACENCOM (Dave Dregger)