

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

[]

Well ID MW-13

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Ottawa Cloud (per KGSDRL) Fraction NW 1/4 NE 1/4 NW 1/4 NW 1/4 Section Number 14 Township Number T 8 S Range Number R 3 E W

2 WELL OWNER: Last Name: First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: [] Near intersection of 160th Road and Deer Road (Hwy 24) (1100' E) Zoo' N of Hwy 24

3 LOCATE WELL WITH "X" IN SECTION BOX: [Diagram showing a 3x3 grid with 'X' in the top-left cell]

4 DEPTH OF COMPLETED WELL: 23 ft. Depth(s) Groundwater Encountered: 1) 23 ft. 2) 11.2 ft. 3) Dry Well WELL'S STATIC WATER LEVEL: 11.2 ft. below land surface, measured on (mo-day-yr) 5-28-2020

5 Latitude: 39.36523 (decimal degrees) Longitude: -97.62496 (decimal degrees) Horizontal Datum: [X] WGS 84 [] NAD 83 [] NAD 27 Source for Latitude/Longitude: [X] GPS (unit make/model:) (WAAS enabled? [] Yes [] No) [] Land Survey [] Topographic Map [] Online Mapper:

6 Elevation: NA ft. [] Ground Level [] TOC Source: [] Land Survey [X] GPS [] Topographic Map [] Other

7 WELL WATER TO BE USED AS: 1. Domestic: [] Household [] Lawn & Garden [] Livestock [] Irrigation [] Feedlot [] Industrial 5. [] Public Water Supply: well ID 6. [] Dewatering: how many wells? 7. [] Aquifer Recharge: well ID 8. [X] Monitoring: well ID MW-13 9. Environmental Remediation: well ID [] Air Sparge [] Soil Vapor Extraction [] Recovery [] Injection 10. [] Oil Field Water Supply: lease 11. Test Hole: well ID [] Cased [] Uncased [] Geotechnical 12. Geothermal: how many bores? a) Closed Loop [] Horizontal [] Vertical b) Open Loop [] Surface Discharge [] Inj. of Water 13. [] Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? [] Yes [X] No If yes, date sample was submitted: Water well disinfected? [] Yes [X] No

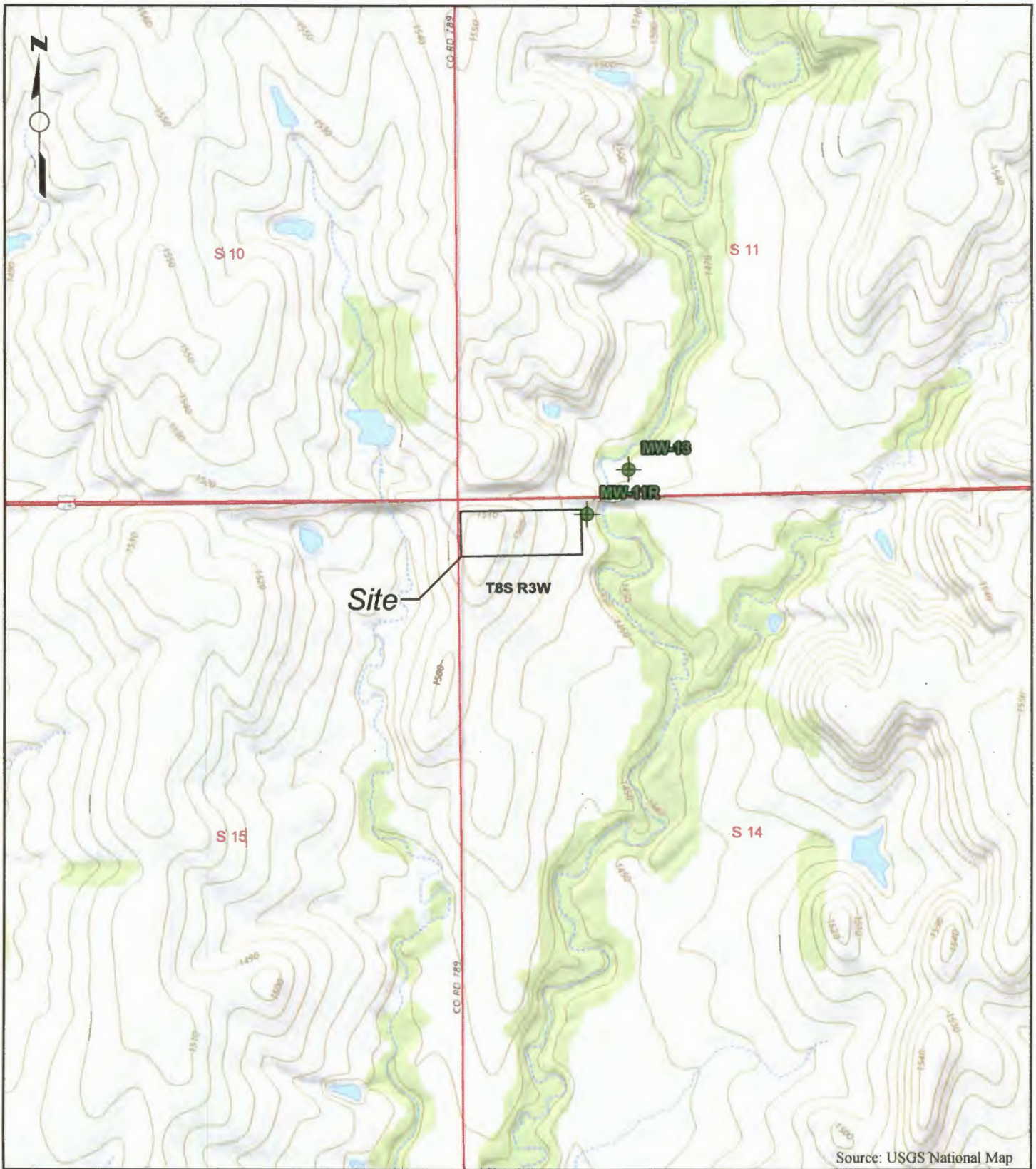
8 TYPE OF CASING USED: [] Steel [X] PVC [] Other CASING JOINTS: [] Glued [] Clamped [] Welded [] Threaded Casing diameter 2 in. to 13 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface 0 in. Weight lbs./ft. Wall thickness or gauge No. Sch. 40

TYPE OF SCREEN OR PERFORATION MATERIAL: [] Steel [] Stainless Steel [] Fiberglass [X] PVC [] Brass [] Galvanized Steel [] Concrete tile [] None used (open hole) [] Other (Specify) SCREEN OR PERFORATION OPENINGS ARE: [] Continuous Slot [X] Mill Slot [] Gauze Wrapped [] Torch Cut [] Drilled Holes [] Other (Specify) [] Louvered Shutter [] Key Punched [] Wire Wrapped [] Saw Cut [] None (Open Hole) SCREEN-PERFORATED INTERVALS: From 13 ft. to 23 ft. GRAVEL PACK INTERVALS: From 11 ft. to 23 ft.

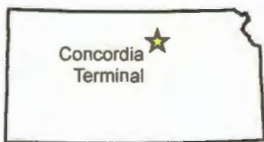
9 GROUT MATERIAL: [] Neat cement [] Cement grout [X] Bentonite [] Other Grout Intervals: From 0 ft. to 6 ft. From ft. to ft. From ft. to ft. Nearest source of possible contamination: [] Septic Tank [] Lateral Lines [] Pit Privy [] Livestock Pens [] Insecticide Storage [] Sewer Lines [] Cess Pool [] Sewage Lagoon [] Fuel Storage [] Abandoned Water Well [] Watertight Sewer Lines [] Seepage Pit [] Feedyard [] Fertilizer Storage [] Oil Well/Gas Well [] Other (Specify) Direction from well? Distance from well? ft.

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 1-9 Clay, brown to dark brown, moist, plastic; 9-18 Clay, gray, stiff, dry; 18-19 Sand, gray, fine, wet; 19-23 Clay, blueish gray, hard, dry.

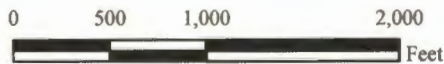
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [X] constructed, [] reconstructed, or [] plugged under my jurisdiction and was completed on (mo-day-year) 5-27-2020 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 604 This Water Well Record was completed on (mo-day-year) 6/27/2020 under the business name of Environmental Priority Service, Inc. Signature [Signature]



Source: USGS National Map



KANSAS
SECTION 14, T8S, R3W



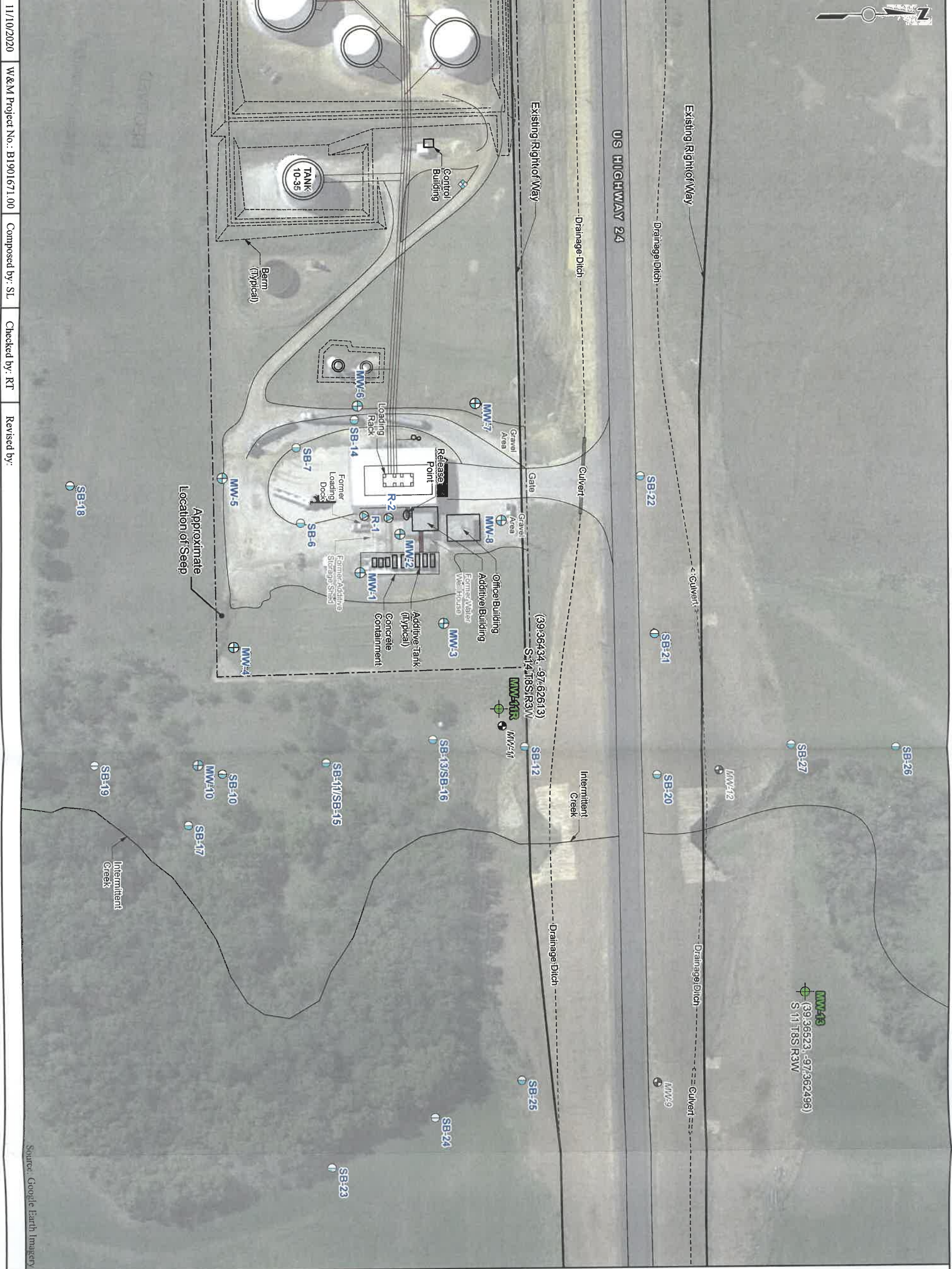
SCALE: 1" = 1,000'

Figure 1

Site Location Map

NuStar Pipeline Operating Partnership L.P.
Delphos, Kansas





11/10/2020 W&M Project No.: B1901671.00 Composed by: SL Checked by: RT Revised by:

- Legend**
- ⊕ Abandoned Monitoring Well
 - ⊕ Monitoring Well
 - ⊕ Monitoring Well (Installed on 5/27/2020)
 - ⊕ Recovery Well
 - ⊕ Soil Boring
 - ⊕ Water Well
 - Terminal Boundary (Approximate)
 - Underground Piping



Water Well Record Map
 NuStar Pipeline Operating Partnership L.P.
 Delphos, Kansas



RECEIVED
 NOV 19 2020
 BUREAU OF WATER

Horizontal Datum: WGS84

Source: Google Earth Imagery