

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

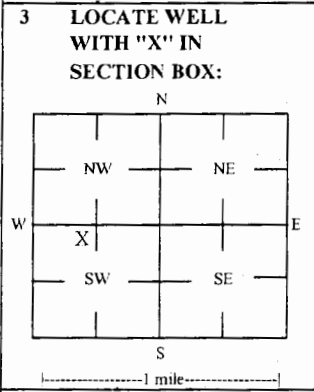
Well ID

MW13

Original Record Correction Change in Well Ust

1 LOCATION OF WATER WELL: County Wyandotte Fraction NW 1/4 NE 1/4 SW 1/4 Section Number 27 Township Number T 11 S Range Number R 24 E W

2 WELL OWNER: Last Name: First: Business: Americold Logistics, LLC Address: 10 Glenlake Pkwy. Address: Ste. 600 South Tower City Atlanta State: GA ZIP: 30328 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 6945 Inland Dr, Kansas City, KS 66106



4 DEPTH OF COMPLETED WELL: 50.00 ft Depth(s) Groundwater Encountered: 1) 50.00 ft 2) ft 3) ft, or 4) Dry Well WELL'S STATIC WATER LEVEL: 41.26 ft. X below land surface, measured on (mo-day-yr) 9/20/18

5 Latitude: 39.06512 (decimal degrees) Longitude: 94.73986 (decimal degrees) Horizontal Datum: X WGS 84 GPS (unit make/model: ) (WAAS enabled? Yes No) X Land Survey Topographic Map Online Mapper

6 Elevation 767.66 ft Ground Level X TOC Source: X Land Survey 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 MW13 9 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor 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 Other (specify):

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

8 TYPE OF CASING USED: Steel PVC X Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in. to 30 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.41 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass X PVC Other (Specify) Brass Galvanized Steel Concrete tile None used (open hole) 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 30 ft. to 50 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 28 ft. to 50 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.7' Grout intervals: From 0.7 ft. to 28 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 X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify) Direction from well? SE Distance from well? ~330 ft

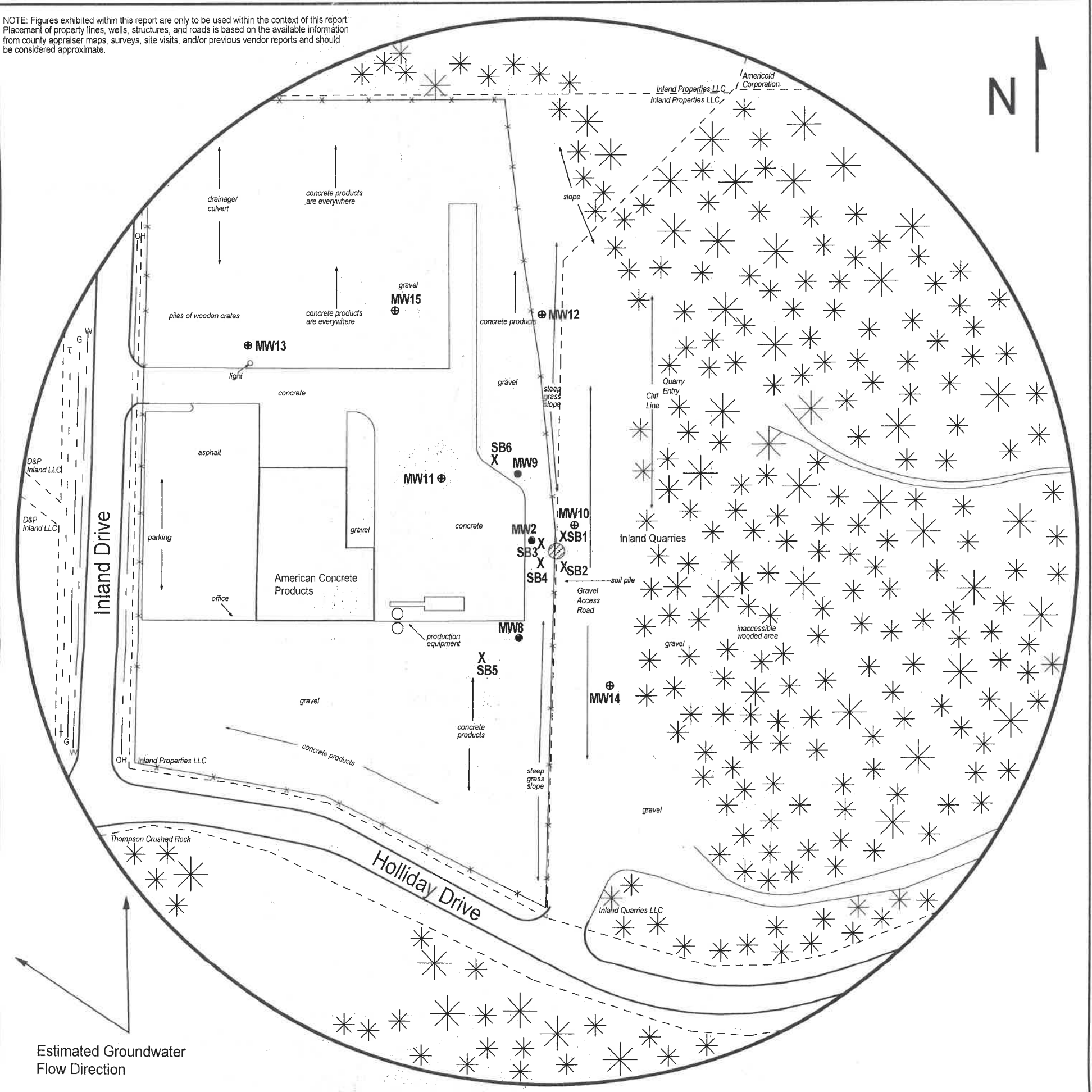
Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-2 Gravel, 2-10 Silt with some clay, 10-42.5 Silt, very fine sand, 42.5-42.75 Limestone cobbles, 42.75-50 Shale

Notes: KDHE ID: Inland Quarries; A4-105-40484 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

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) 8/20/18 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 10/8/18 under the business name of Larsen & Associates, Inc. Signature

-Wyan dothe  
 SW NE NW SW  
 NW NE NW SW

NOTE: Figures exhibited within this report are only to be used within the context of this report. Placement of property lines, wells, structures, and roads is based on the available information from county appraiser maps, surveys, site visits, and/or previous vendor reports and should be considered approximate.



**FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP**

**LEGEND:**

- Approximate Location of Former AST
- Approximate Location of Former AST
- Existing Monitoring Well
- Monitoring Well (Installed 8/20-21/18)
- Soil Boring (Drilled 8/21-22/18)
- Gas Lines (2 - 6 ft BGS)
- Overhead Lines (25-40 ft high)
- Telephone Lines (2 - 6 ft BGS)
- Water Lines (2 - 6 ft BGS)

**larsen**  
 & ASSOCIATES, INC.

1311 E 25th St., Suite B  
 Lawrence, KS 66046

(785) 841-8707 office  
 (785) 865-4282 fax

**PROJECT:**  
 Inland Quarries  
 7000 Holliday Drive  
 Kansas City, KS  
 KDHE ID: A4-105-40484  
 Date: 9/20/18



NOTE: SB5 & SB6 were drilled to collect hydrologic samples.  
 NOTE: Utility depths, heights and locations are approximate.

27-11-24

# DENNIS L HANDKE

1820 NW 59th Terrace  
TOPEKA, KANSAS 66618  
785-286-4047 Home  
785-286-1990 Fax

Jessica Chapman  
Larsen & Associates  
1311 E. 25<sup>th</sup> Street, Suite B  
Lawrence, Kansas, 66046

September 17, 2018

RE: Monitor Well Elevation Survey  
7000 Holiday Drive, Kansas City, Kansas

Proj. 18-00BB  
Inland Quarries  
A4-105-40484

Bench Mark #2: Chisled Sq. on SW Corner of storm sewer basin NE of the building. Concrete plant

Elev: 768.63      North 2316      West 4314      (from SE Cor. Sec. 27-11-24E)

MW-10	rim	773.47	North	2199	SW1/4,NE1/4,NW1/4,SW1/4
	top pipe	773.09	West	4222	Lat= 39.06466 Long = 94.73877
MW-11	rim	770.13	North	2241	SW1/4,NE1/4,NW1/4,SW1/4
	top pipe	769.82	West	4338	Lat= 39.06478 Long = 94.73917
MW-12	rim	772.12	North	2394	NW1/4,NE1/4,NW1/4,SW1/4
	top pipe	771.64	West	4256	Lat= 39.06520 Long = 94.73888
MW-13	rim	768.07	North	2366	NW1/4,NE1/4,NW1/4,SW1/4
	top pipe	767.66	West	4532	Lat= 39.06512 Long = 94.73986
MW-14	rim	773.97	North	2044	NW1/4,NE1/4,NW1/4,SW1/4
	top pipe	773.48	West	4194	Lat= 39.06424 Long = 94.73867
MW-15	rim	769.16	North	2394	SW1/4,NE1/4,NW1/4,SW1/4
	top pipe	768.86	West	4389	Lat= 39.06520 Long = 94.73935

Lat & Long derived existing Shawnee 7.5' quad map. WGS 84.

Elevation established from existing project

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

Dennis L Handke RLS  
September 17, 2018  
Dennis L Handke  
KANSAS  
LAND SURVEYOR

RECEIVED

DEC 04 2018

BUREAU OF WATER

RECEIVED

DEC 04 2018

BUREAU OF WATER