

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

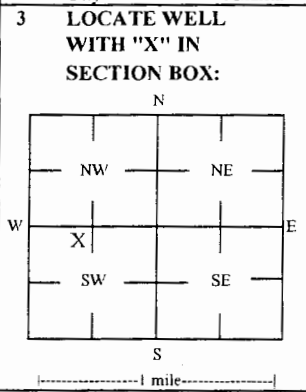
Well ID

MW14

Original Record Correction Change in Well Use

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

2 WELL OWNER: Last Name: First: Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 7000 Holiday Drive, Kansas City, KS



4 DEPTH OF COMPLETED WELL: 14.00 ft. Depth(s) Groundwater Encountered: 1) 14.00 ft. 2) ft 3) ft or 4) Dry Well. WELL'S STATIC WATER LEVEL: 8.21 ft. Estimated Yield: gpm. Bore Hole Diameter: 7.25 in to ft, and in to ft.

5 Latitude: 39.06424 (decimal degrees) Longitude: 94.73867 (decimal degrees) Horizontal Datum: X WGS 84. Source for Latitude/Longitude: X Land Survey. 6 Elevation: 773.48 ft. Source: X Land Survey.

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 Monitoring: well ID MW14. 9 Environmental Remediation: well ID. 10 Oil Field Water Supply: lease. 11 Test Hole: well ID. 12 Geothermal: How many bores?

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

8 TYPE OF CASING USED: Steel PVC Other. CASING JOINTS: Glued Clamped Welded Threaded. Casing diameter 2 in. to 4 ft. Diameter in. to ft. Casing height above land surface -0.49 in. Weight lbs./ft. Well thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other. SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other. SCREEN-PERFORATED INTERVALS: From 4 ft. to 14 ft. GRAVEL PACK INTERVALS: From 2 ft. to 14 ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-0.7'. Grout intervals: From 0.7 ft. to 2 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. Direction from well? NW Distance from well? ~125 ft.

10 FROM TO LITHOLOGIC LOG FROM TO LITHO. LOG (cont.) or PLUGGING INTERVALS. Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-4 Gravel, limestone, mixed with silt and clay; 4-6 Gravel, limestone; 6-11 Siltstone; 11-13.75 Shale; 13.75-14 Limestone.

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 constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 8/21/18 and this record is true to the best of my knowledge and belief. 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

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, CWWS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

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 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.

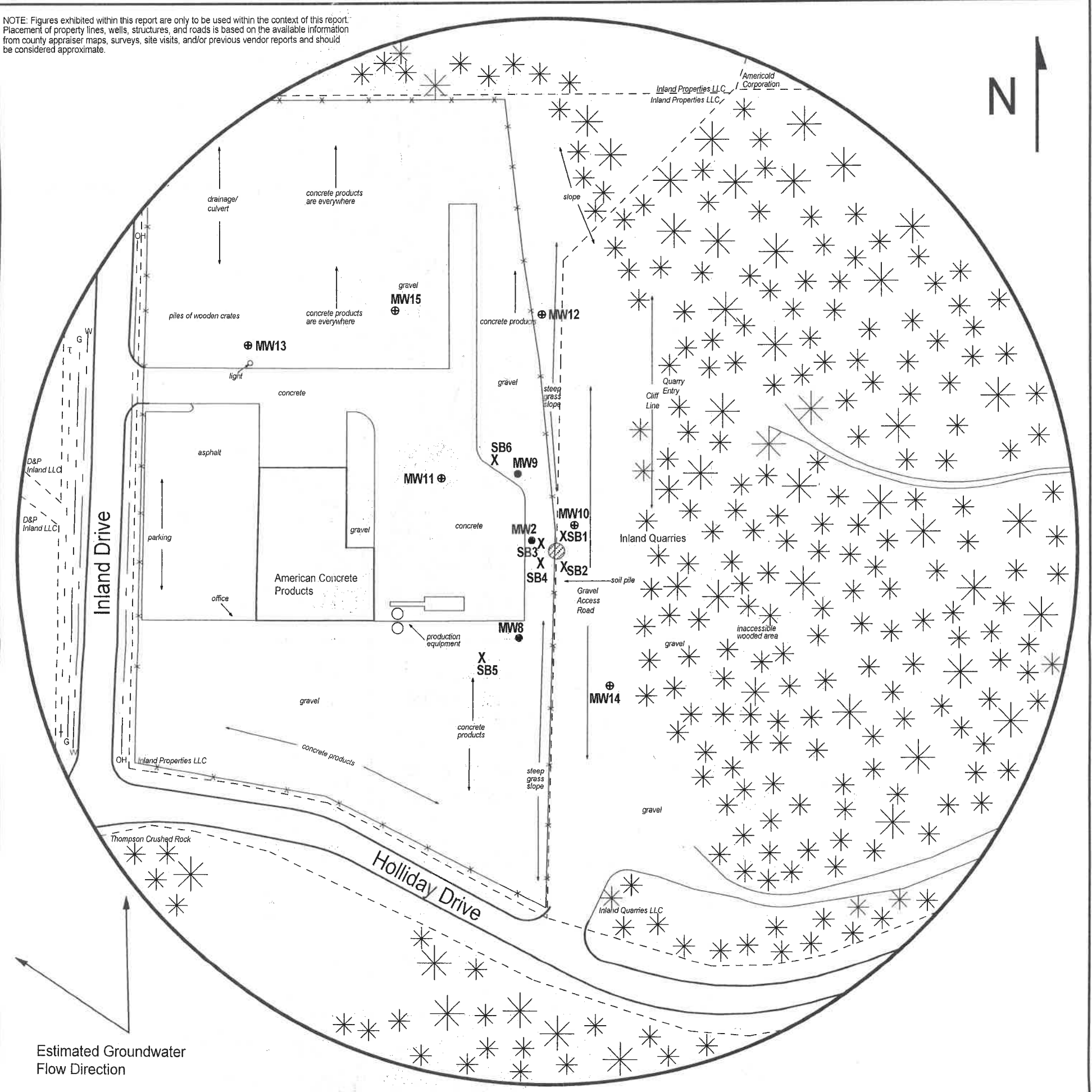


FIGURE 2.2 - 500 FT RADIUS AREA BASE MAP



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



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)

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. 25th 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