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Liberty Utilities (Litchfield Park Water & Sewer) Corp.

CORP COMMISSION
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ORIGINAL

Arizona Corporation Commission
DOCKETED

JAN 30 2015

January 30th, 2015

Mr. Steven M. Olea, Director
ARIZONA CORPORATION COMMISSION
1200 West Washington
Phoenix, Arizona 85007

DOCKETED BY

RE: ANNUAL STATUS REPORT – LPSCO
Decision No. 69912, Docket Number W-01427A-06-0807

Dear Mr. Olea;

Liberty Utilities (Litchfield Park Service Water & Sewer) Corp. (Liberty) is writing this letter as ordered by the Arizona Corporation Commission (Commission) per Decision No. 69912 of all matters related to the deferrals, and the cumulative costs associated with monitoring groundwater in relation to the North Phoenix-Goodyear Airport (NPGA) Area Superfund Site.

Subunit A – Northeast :

As previously reported by Liberty during its prior annual status report submitted to the Commission dated January 23, 2014, progress continues to be made on the plume delineation and treatment of the contaminated ground water in regards to the northeastern portion of the plume.

In response to the injection of treated groundwater into IA-11, IA-12, and IA-13, and in conjunction with the extraction of groundwater from EA-05, EA-06, and EA-07, groundwater elevations continue to indicate a groundwater mound and an effective hydraulic barrier west of Dysart Road (in the area of Liberty's closest well). Groundwater flow directions in this area continue to be radially around the groundwater mound, and toward the northwest, away from Liberty's drinking water well.

TCE concentrations continue to demonstrate that the plume in the northeast area is defined and has decreased in size as a result of the extraction operations at EA-05, EA-06, and EA-07 and reinjection of treated groundwater into injection wells IA-11, IA-12, and IA-12 (See Attached Figure No. 1).

Subunit A – Northwest Area Update:

As previously reported by Liberty during its prior annual status report submitted to the Commission dated January 23, 2014, progress continues to be made on the plume delineation and treatment of the contaminated ground water in regards to the northwestern portion of the plume as well.

Based on ground water flow vector information and monitoring well results throughout the year, the northwest portion of the plume continues to show declining levels of TCE in most of the existing monitoring wells. Groundwater injection wells continue to show evidence of capture.

Currently:

TCE concentrations are continuing to decrease and groundwater flow data has indicated a reduction in TCE concentrations below Maximum Contaminate Levels (MCL's) in monitoring wells within close proximity to Liberty owned well 34C. Liberty groundwater monitoring continues to be collected as per Safe Drinking Water Act (SWDA) frequency requirements of every three years.

Liberty continues to be involved in reviewing of monthly environmental reports and quarterly technical meetings and works closely with and in support of ADEQ and EPA. In the event, if TCE concentrations in the general area become elevated, Liberty will take the appropriate actions to ensure safe and reliable drinking water for its customers. Liberty continues to be pleased with the trend of reducing TCE concentrations in the northeast and northwest portion of the plume area.

To date, no test results indicating quantifiable concentrations of TCE in any of Liberty's existing wells.

Due to the reduction in TCE contamination in relation to Liberty wells, Liberty increased its sampling frequency back to normal SWDA sampling guidelines. Therefore, Liberty has not incurred additional sampling or other costs related on behalf of the TCE plume in 2014.

Regards,

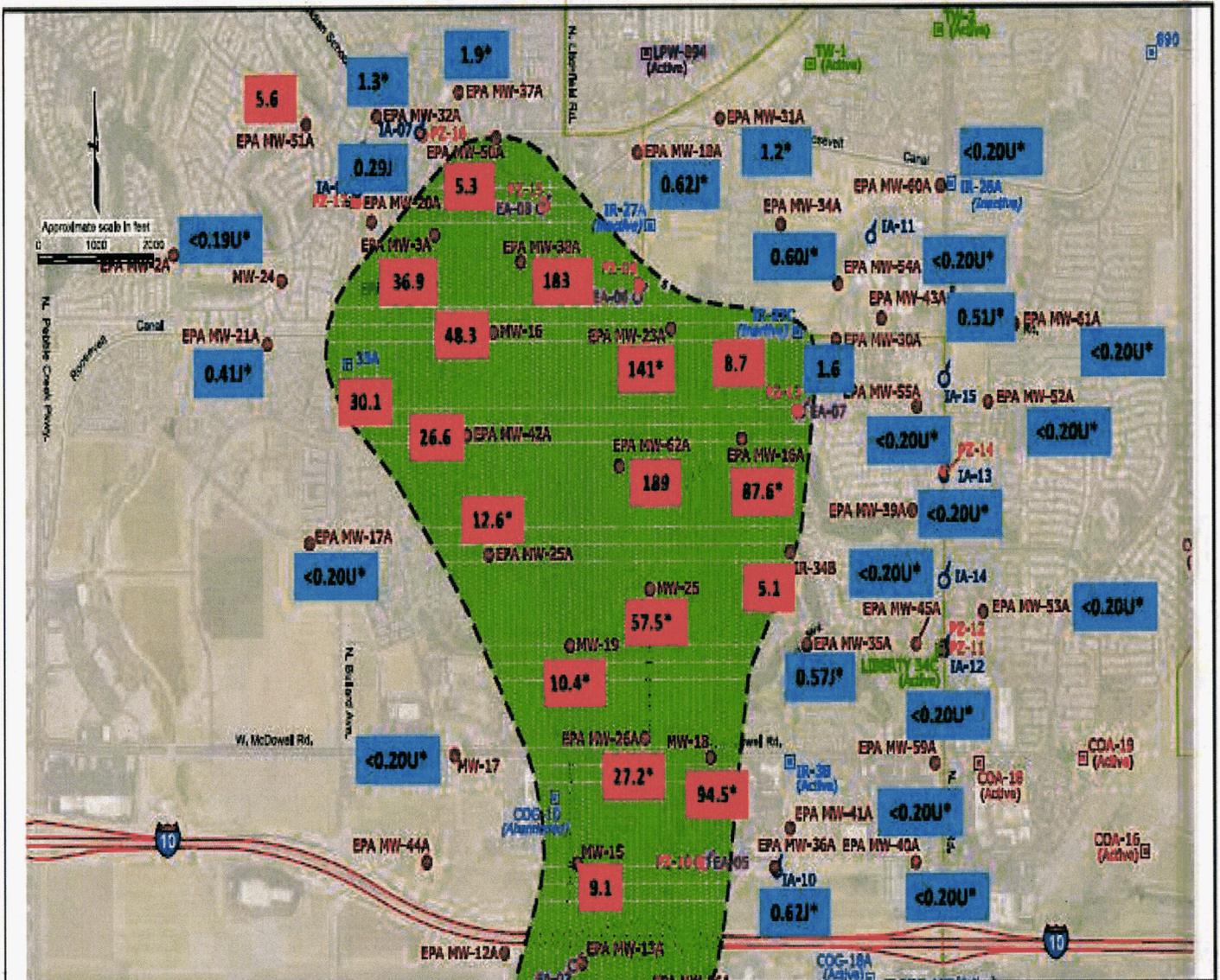
Liberty Utilities (Litchfield Park Water & Sewer) Corp.



Matthew E. Garlick, Director – Arizona Operations

cc: Docket Control

Figure No. 1



Explanation

— 5 — Isoc contour showing TCE concentration in µg/L, dashed where inferred. Based on October data.

0.20U

TCE Concentration <math>< 5 \mu\text{g/L}</math>

* Indicates August 2014 TCE Concentration.

9.9

TCE Concentration >math>\ge 5 \mu\text{g/L}</math>

PHOENIX - GOODYEAR AIRPORT - NORTH SUPERFUND SITE
404 S. LITCHFIELD ROAD GOODYEAR
MARICOPA COUNTY, ARIZONA

MATRIXNEWORLD
Enabling Programs

293 North Litchfield Road, Suite 201 Tel: 602-322-7033
Goodyear, Arizona 85334 Fax: 602-345-1818
WWW.MNW.COM www.matrixnewworld.com

SUBUNIT A TCE CONCENTRATIONS and
GROUNDWATER CONTOURS NORTH OF I-10
OCTOBER 2014

FIGURE NUMBER

1

DRAWN BY: AH	DESIGNED BY: AH	APPROVED BY: HB	PROJECT NUMBER: 14106E
DATE: 11/22/14	DATE: 11/25/14	DATE: 11/25/14	SCALE: 1"=200'