

Wickham, Jerry, Env. Health

From: Schwartz, James [JSchwartz@haleyaldrich.com]
Sent: Monday, October 14, 2013 10:48 AM
To: Wickham, Jerry, Env. Health; jrigter@lpfire.org
Cc: Bajsarowicz, Voytek; Debbie Patterson (dpatterson@lionstonegroup.com)
Subject: Former Hanson Facility: AOC-1 Conveyor Tunnel
Attachments: 2013_1002_Cistern Tunnel Photo Doc.docx; 2013_1002_Tunnel Drawings_JS.PDF; 39792-600-0000-SW2_Features.pdf

Hi Jerry and John,

During the process of removing the concrete cistern features in AOC-1 on October 2, we discovered that the 'void space' previously identified below is actually a conveyor tunnel. The tunnel was identified beneath the 4 foot thick bottom of the middle cistern. As such, the top of the tunnel is approximately 28 feet below ground surface; the tunnel itself is approximately 16 feet wide by 8 feet tall, making the bottom of the tunnel at a depth of approximately 36 feet. The eastern terminus can be clearly identified beneath the eastern-most cistern. Pea gravel and a conveyor belt were observed within the tunnel in this area. The total length of the tunnel is at least 75 feet; the western end of the tunnel could not be observed due to safety reasons, but appears to extend under the Kiewit property. Please see the attached for a location map, schematic drawings and photos. We are in the process of engaging the Kiewit property owners in a discussion of this apparent shared feature.

In the meanwhile, the tunnel and the items found in the tunnel do not present any potential environmental concern. As such, we propose to leave the conveyor tunnel and four-foot thick cistern bottoms in place and would like to obtain your concurrence that further work in this area is not necessary to address environmental issues at the site. We are currently assessing the tunnel from a geotechnical standpoint and developing options for in-place stabilization/closure through backfilling. Obviously our final recommendation in this regard will depend on discussions with the Kiewit property owners.

Please let us know your thoughts on this new development at your earliest convenience! You are, of course, most welcome to come out to the site if you would like to examine conditions first-hand.

Thank You,
-Jym

James P. Schwartz, P.G.

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Photo No.
1

Date
10/02/13

Description
View of the middle cistern with the bottom removed.



Photo No.
2

Date
10/02/13

Description
Tunnel discovered beneath the middle cistern. Note conveyor belt within tunnel.



Photo No.
3

Date
10/02/13

Eastern terminus of the newly discovered tunnel, beneath the eastern-most cistern. Note gravel pile, conveyor belt, and other debris. The tunnel has concrete walls.

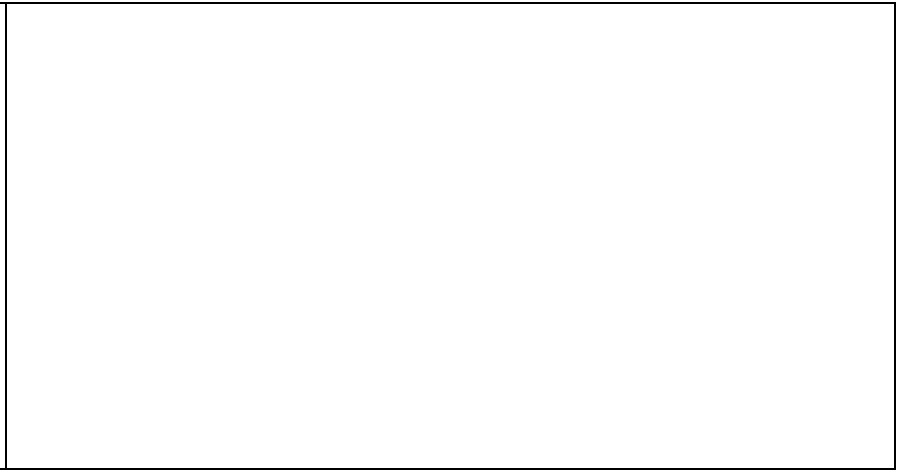


Photo No.
4

Date
10/02/13





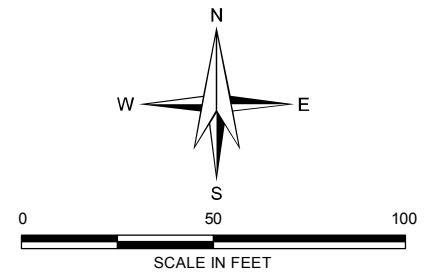
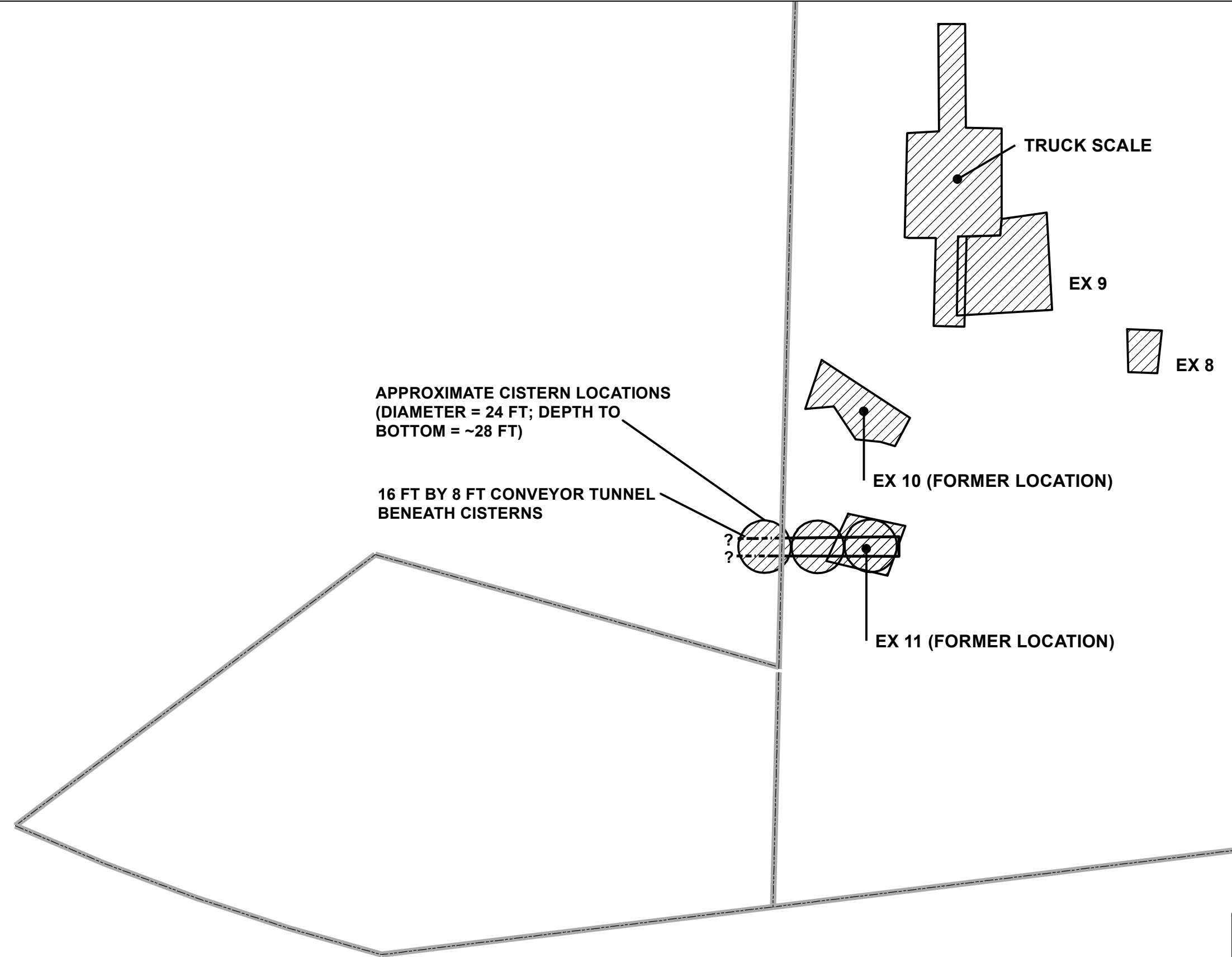
View of the tunnel extending west. The full length of the tunnel cannot be determined. The tunnel extends at least 45 ft west from this point.



G:\39048-000\Global\GIS\Map\projects\39792-600-0000-SW_Features.mxd

LEGEND

-  FEATURE OF INTEREST
-  PARCEL BOUNDARY



HALEY & ALDRICH FORMER HANSON AGGREGATES RADUM FACILITY
3000 BUSCH ROAD
PLEASANTON, CALIFORNIA

AOC1 APPROXIMATE CISTERN LOCATION

SCALE: AS SHOWN
OCTOBER 2013

Client USL Pleasanton Lakes, LP

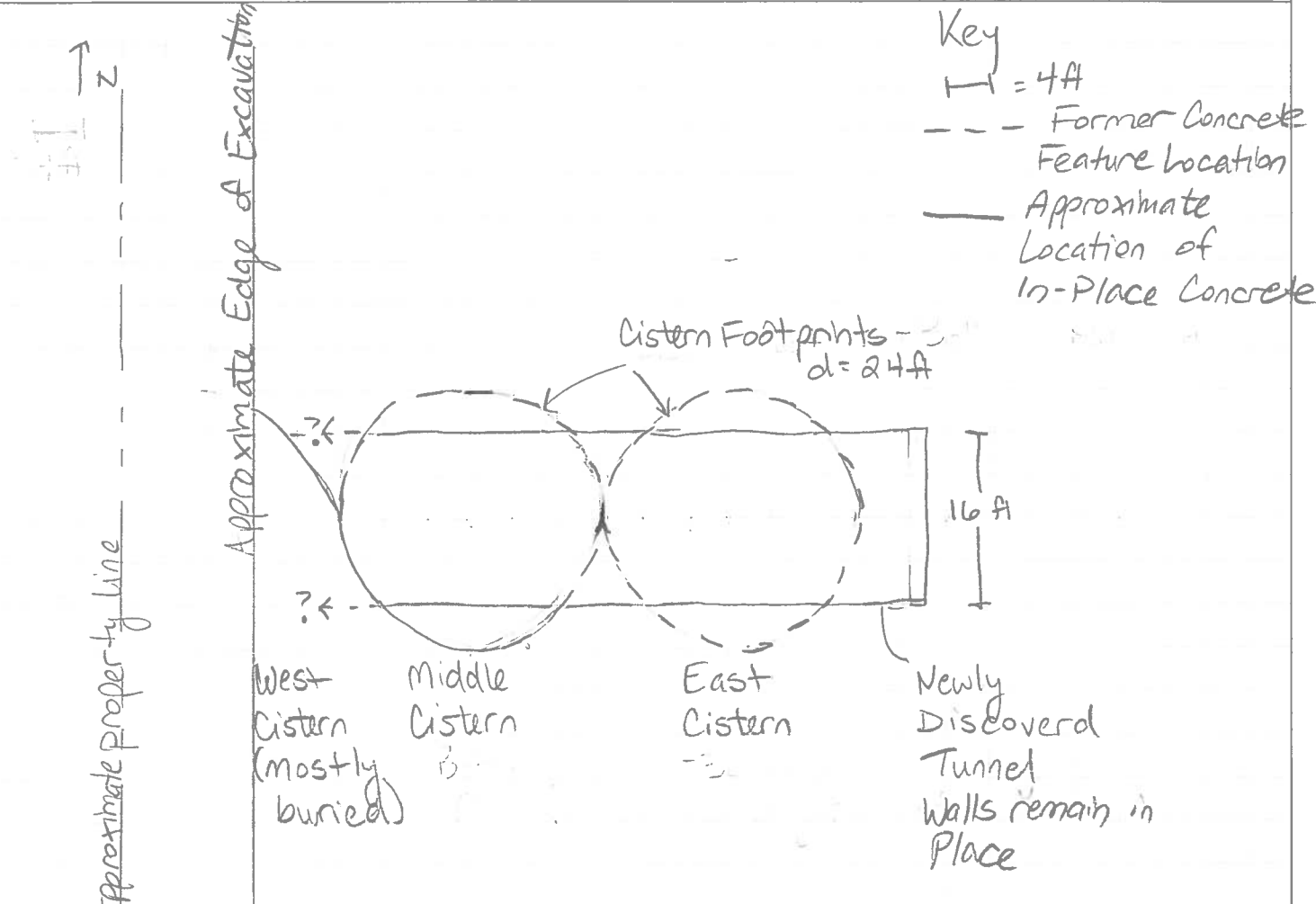
Date 10/02/13

Project Former Hanson Aggregate Facility

Computed By J Sebik

Subject Cisterns & Tunnel in AOC1 - Plan View

Checked By



Depths: The cisterns were 20 to 25 ft deep.
 The cisterns bottoms were 3-4 ft thick
 The tunnel is 8 ft tall
 Total depth to bottom of tunnel between 31 to 37 ft below ground surface (bgs)

Client USL Pleasanton Lakes LP

Date 10/02/13

Project Former Hanson Aggregate Facility

Computed By J Sebilk

Subject Cisterns & Tunnel in AOC 1 - Cross Section

Checked By

Note: Facing North
Scale: 1" = 2' 0"

