

Rocky Mountain Arsenal



Consolidated Groundwater Treatment Plant

60% Design Submittal

November 2019

Project Summary

Consolidates three existing treatment plants into one treatment plant

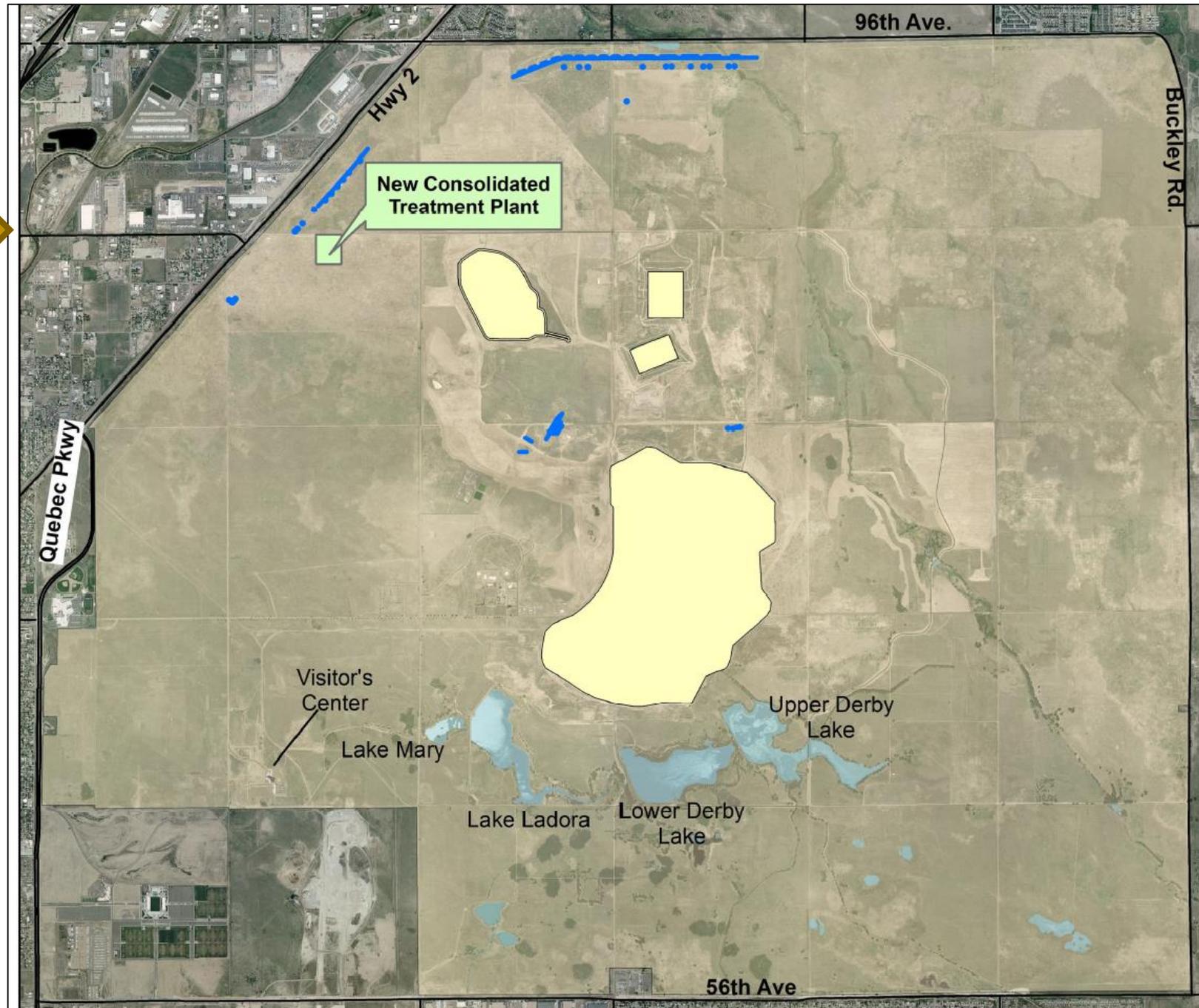
Groundwater is extracted and re-injected after treatment at same locations as current systems

Provides improved efficiency over current systems

Provides capacity to add additional treatment processes, if necessary

New Treatment Plant Location

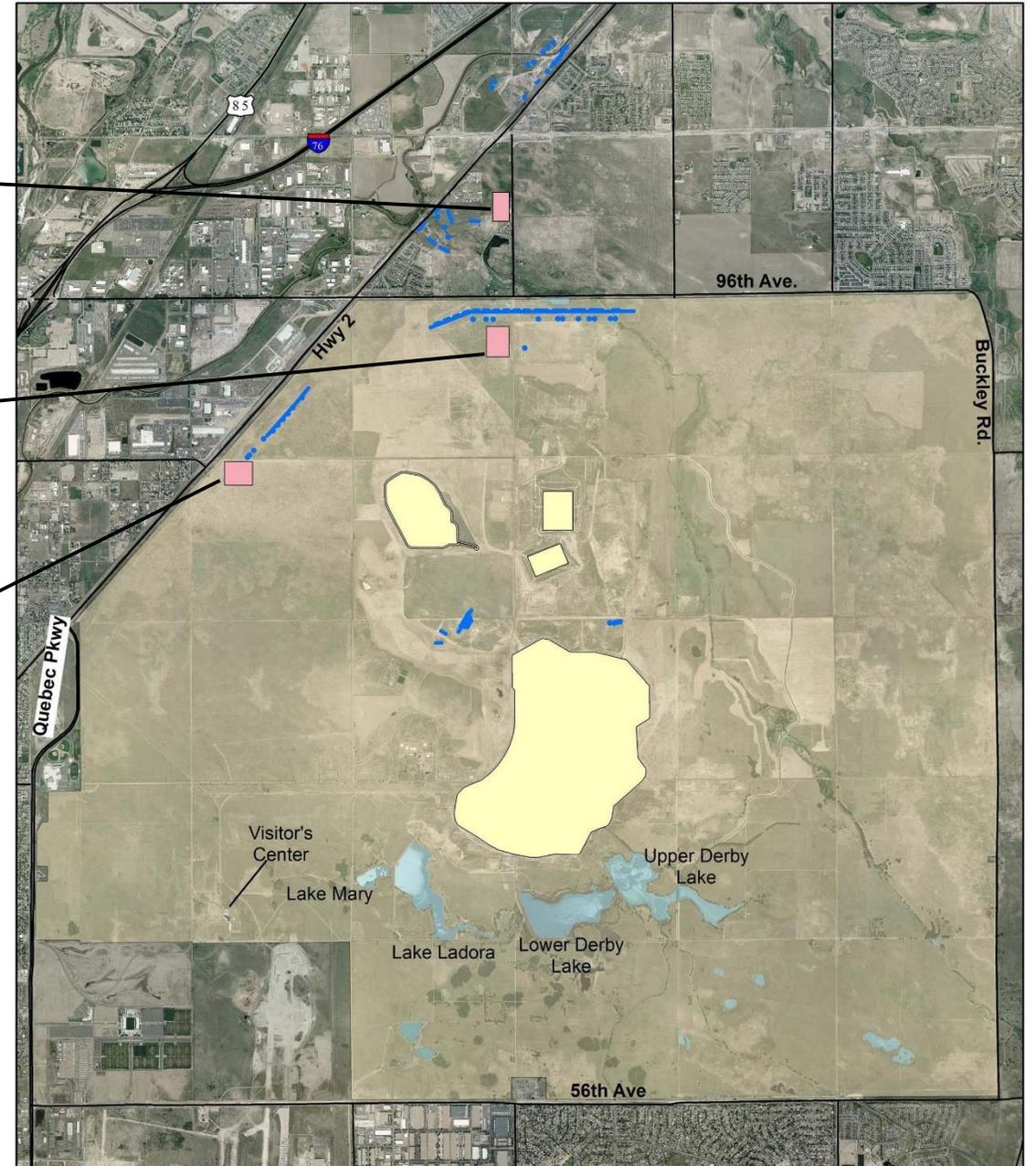
Approximately 1,000 feet east of Highway 2



Replaces Three Existing Water Treatment Plants



Old treatment buildings will be demolished (timing to be determined based on funding)

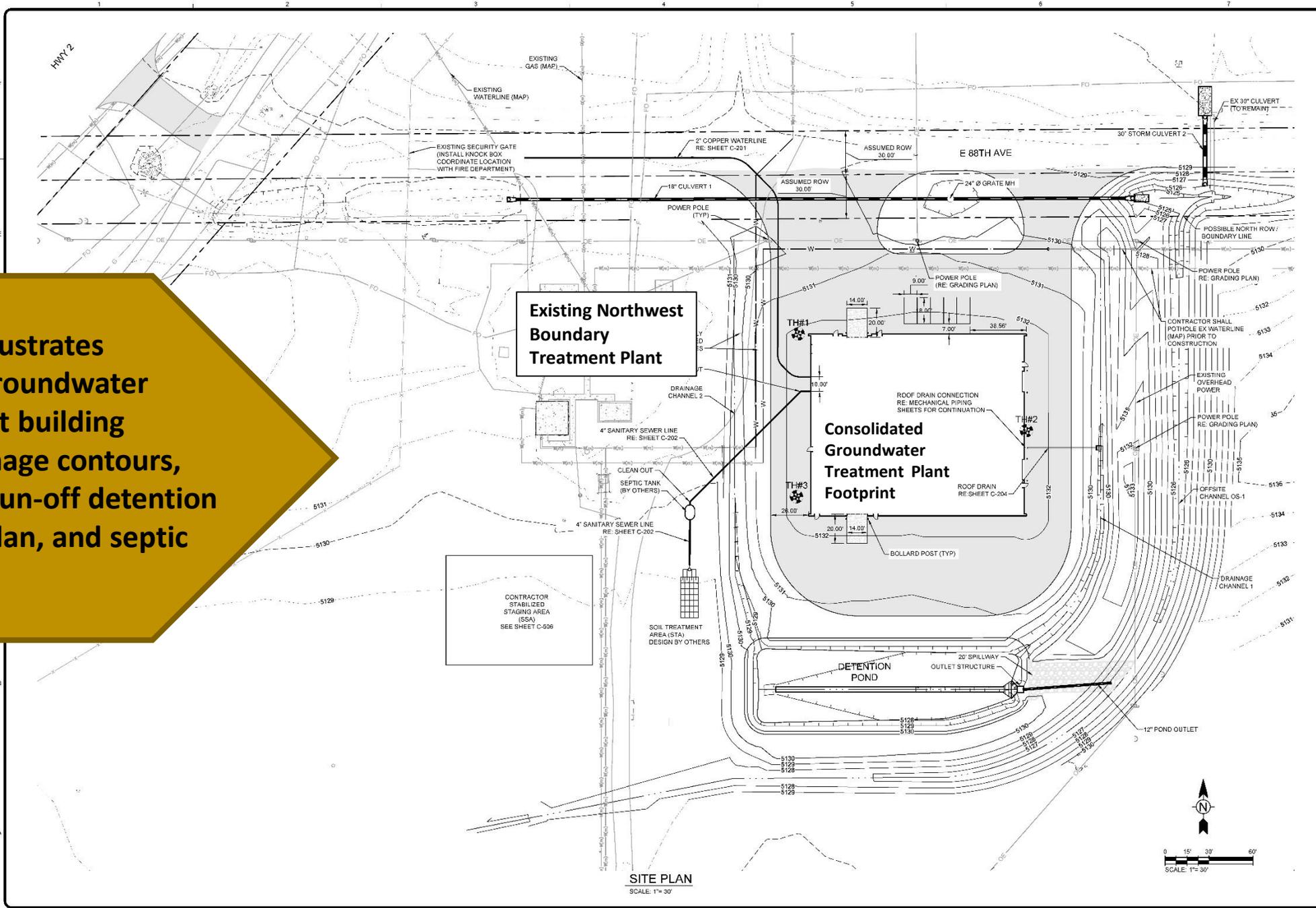


Treatment Plant Details



- **Dimensions**
 - Approximately 20,000 square feet
 - Length – 150 feet
 - Width – 130 feet
 - Height – 36 feet
- **Sustainability**
 - Designed in accordance with Sustainable Federal Buildings Standard UFC 1-200-02
- **Operations**
 - Designed for approximately 1,500 gallons per minute
 - Average – approximately 1,200 gallons per minute
- **Construction**
 - Walls - Insulated tilt-up concrete walls
 - Roof - Metal trusses and decking, rubber membrane

This drawing illustrates consolidated groundwater treatment plant building footprint, drainage contours, surface water run-off detention pond, paving plan, and septic system

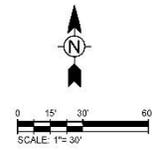


**Existing Northwest
Treatment Plant**

**Consolidated
Groundwater
Treatment Plant
Footprint**

CONTRACTOR
STABILIZED
STAGING AREA
(SSA)
SEE SHEET C-506

SITE PLAN
SCALE: 1" = 30'



11/2/2019 3:07:33 PM - P:\141923\2014-141923-19001\CAD\SHEET\LESC-104.CWP SITE P



MARK	DATE	DESCRIPTION
A	04/15/19	80% DESIGN ISSUED FOR REVIEW
A.1	10/07/19	80% DESIGN ISSUED FOR REVIEW

ROCKY MOUNTAIN ARSENAL
CONSOLIDATED WATER TREATMENT PLANT
COMMERCE CITY, COLORADO
CWTP
SITE PLAN

PROJ: 200-141923-19001
DES: MSS
DRWN: MSS
CHKD: JAB

Bar Measures 1 inch, otherwise drawing is not to scale

Project Schedule

**Finalized 60% design –
November 2019**

**Finalize 90% design –
February 2020**

**Finalize 100% design –
March 2020**

**Construction schedule –
to be determined based
on contracting process
and funding availability**



Questions or comments?

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