

East Rapid City Water System Expansion Project

Public Works Dept.

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Rural Community Assistance Corp.

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City Council Resolution to provide utility service to non-city properties in vicinity of R.C. Regional Airport

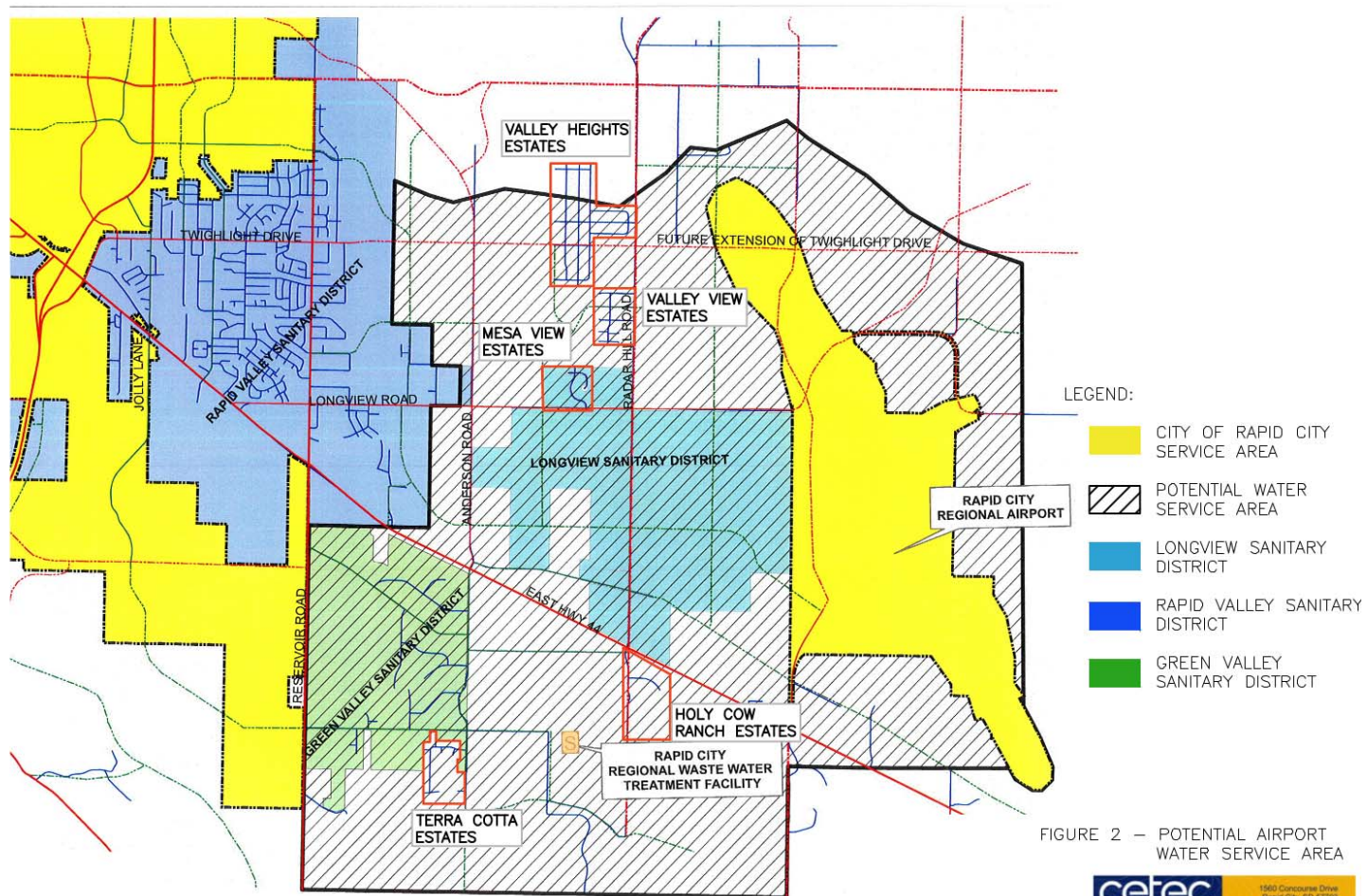


FIGURE 2 – POTENTIAL AIRPORT WATER SERVICE AREA

Need for Project

Inadequate Public Water Systems

- Valley View Estates (107 Homes)
- Mesa View Estates (40 Homes)
- Terra Cotta Estates (32 Homes)

No Public Water Supply

- RC Water Reclamation Plant
- Longview Sanitary District (27 Homes)
- Other Rural Homes (63 Homes)

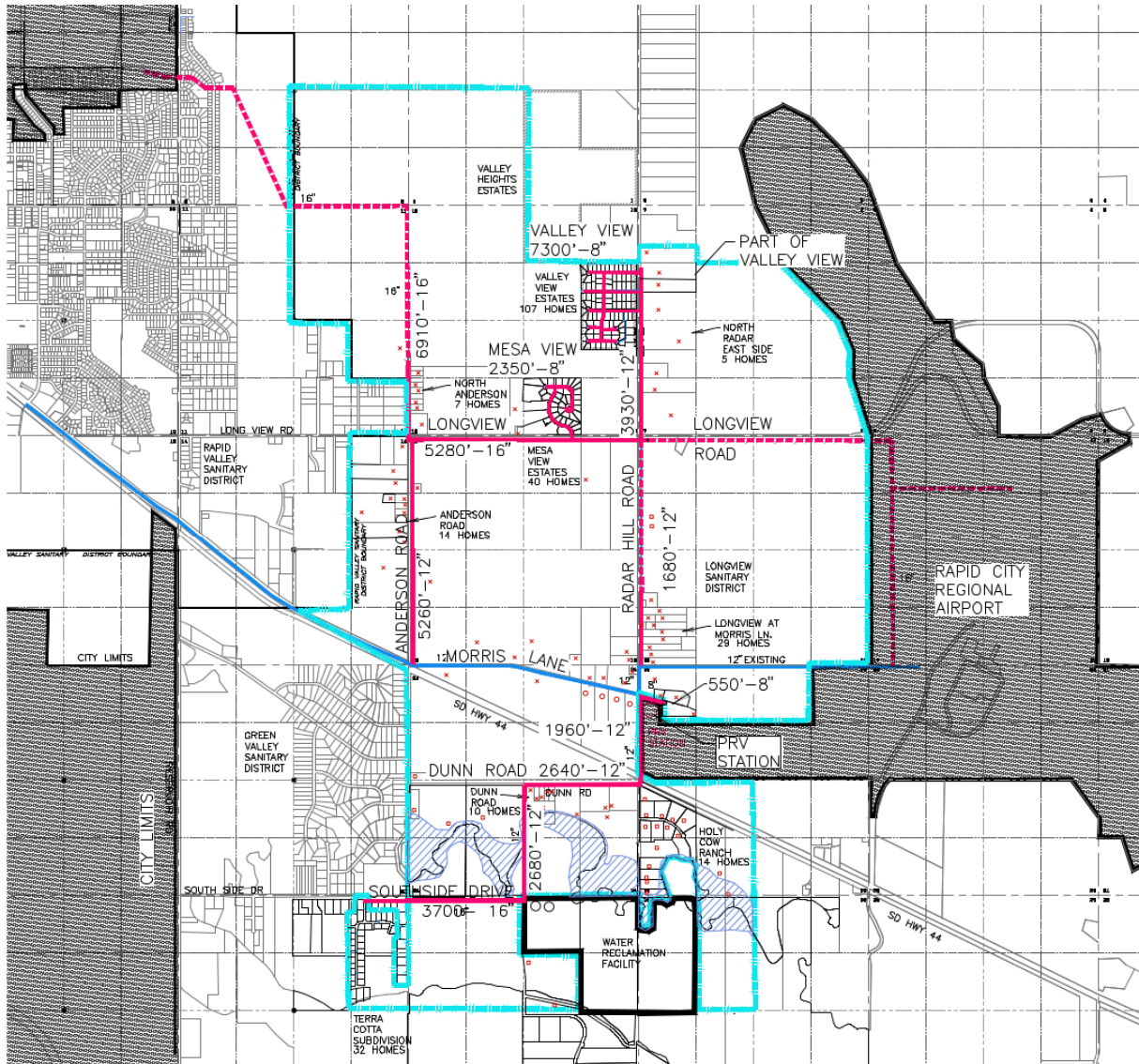
Alternative Water Supplies Considered by the Affected Residents

- No Action
- Rapid Creek (with Treatment, Pumping, Storage)
- Connection to Rapid Valley Sanitary District
Water System
- Connection to City of Box Elder Water System
- Central Well Supply
(with Treatment, Pumping, Storage)

Selected Alternative

- Connection to City of Rapid City Water System

Proposed System



LEGEND

- EAST RAPID CITY WATER USERS REGION (4230 ACRES)
- PROPOSED PIPELINE FUNDED WITH SRF FUNDS
- FUTURE PIPELINE - NOT INCLUDED, COST ALLOCATED TO FUTURE DEVELOPMENT
- RAPID CREEK FLOODWAY
- CITY LIMITS

- ✕ EXISTING HOMES WITH POTENTIAL SERVICE FROM EAST RAPID CITY WATER EXPANSION PROJECT
- EXISTING HOMES WITHOUT SERVICE FROM SRF PROJECT
- EXISTING HOMES WITH EXISTING CITY WATER SERVICE

HOMES WITH POSSIBLE SERVICE FROM EAST RAPID CITY WATER SYSTEM EXPANSION	HOMES ✕
VALLEY VIEW AND PARADISE ESTATES	107
MESA VIEW ESTATES	40
TERRA COTTA ESTATES	32
LONGVIEW SANITARY DISTRICT—MORRIS LANE VICINITY	27
ANDERSON RD. NORTH OF LONGVIEW	7
ANDERSON RD. SOUTH OF LONGVIEW	14
DUNN RD. EAST ½ MILE	10
RADAR HILL RD. - NORTH OF LONGVIEW	5
LONGVIEW RD. - MESA VIEW VICINITY	3
TOTAL	245

HOMES NOT SERVED BY EAST RAPID CITY WATER SYSTEM EXPANSION	HOMES □
HOLY COW RANCH ESTATES	14
RADAR HILL RD. - NORTH ½ MILE	2
DUNN RD. - WEST ½ MILE	4
WATER RECLAMATION VICINITY	4
TOTAL	24

HOMES WITH EXISTING CITY SERVICE	HOMES ○
MORRIS LANE - WEST OF RADAR HILL RD.	4
TOTAL HOMES	273

FIGURE 4 - PROPOSED WATER DISTRIBUTION SYSTEM FOR EAST RAPID CITY WATER EXPANSION



New Water Mains

16" Pipe - 10,670 Ft

12" Pipe - 18,100 Ft

8" Pipe - 10,200 Ft

Total Project Cost: \$ 7,126,000

Project Financing



Water Reclamation Dept: \$1,500,000
State Revolving Fund Loan: \$5,626, 000
Total \$7,126,000

SRF Loan Terms

3% Interest, 20 years

Principal Forgiveness

Possible 40% - 60%

Loan Repayment

- City will pledge City Water Department revenues for loan repayment
- Capital costs for City investment will be recaptured using a supplemental monthly charge for all customers in the East Rapid City water users region

Approximate monthly charge: \$51-\$77 month

- Supplemental charge will expire when SRF loan is paid back

User Rates

- Existing City water rates will remain unchanged.
- East Rapid City water users region customers will pay the supplemental charge plus City rates for water used.
- Current City policy is for non-city users to pay 150% of in-city rates, possible consideration of policy change from 150% to 100%.