Stage 2 Disinfectants/Disinfection Byproducts Monitoring Plan

103-2

DATE RECEIVED

(FOR CDPH USE ONLY)

System Name: MUIR BEACH COMMUNITY

System Number: 2100508

Schedule 1 2 3 (4) (circle one of these)

Population: 350

Source Type: (circle all that apply) (Groundwater) Surface Water

Month and Location of Historically Highest TTHM and HAA5 concentration:

1851 SHORELINE JUNE

First start sampling under Stage 2 DBP (month/year/frequency): Oct 1, 2013

Number and Frequency of TTHM/HAA5 Samples

Increased: 1 per quarter plus calculate OEL
(If any sample >0.080 mg/L TTHM or >0.060 mg/L HAA5) OEL=$[Q_1+Q_2+2(Q_3)]/4$

Routine: one per year
(Return to routine from increased if TTHM LRAA ≤0.060 mgL and LRAA HAA5 ≤0.045 mg/L)

Reduced: one every three years
(GW: If LRAA ≤0.040 mg/L TTHM and ≤0.030 mg/L HAA5 and no sample >0.060 mg/L TTHM or >0.045 mg/L HAA5)
(SW: Same as GW plus TOC annual average ≤4.0 mg/L)

California Department of Public Health
APPROVED
Date: 5/1/13 BY:
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☑ Attach map of distribution system with sample location marked

Sample Location(s)/Code(s): 006 DBP - 1851 Shoreline - treated

Calculating MCL Compliance: Compliance is based on the running annual average at each sampling location, where TTHM MCL: 0.080 mg/L and HAA5 MCL: 0.060 mg/L

Distribution System Disinfectant Residual Monitoring

Sample Location and Frequency: Same location and frequency as bacteriological monitoring. See system bacteriological sampling plan.

MRDL = 4.0 mg/l – Running Annual Average

Ozone Facilities

☑ Check if no ozone. Bromate sampling does not apply.

Bromate Monitoring Location and Frequency:

(Entry point to the distribution system. Note this is different from the TTHM/HAA5 site.)
(Reduce to quarterly if bromate RAA ≤0.0025 mg/L)
(Return to monthly if bromate RAA >0.0025 mg/L or source water bromide RAA ≥ 0.05 mg/L)

Calculating MCL Compliance: Compliance is based the running annual average of monthly samples.

Bromate MCL: 0.010 mg/l

Harvey Peerman
Signature

May 1, 2013
Date

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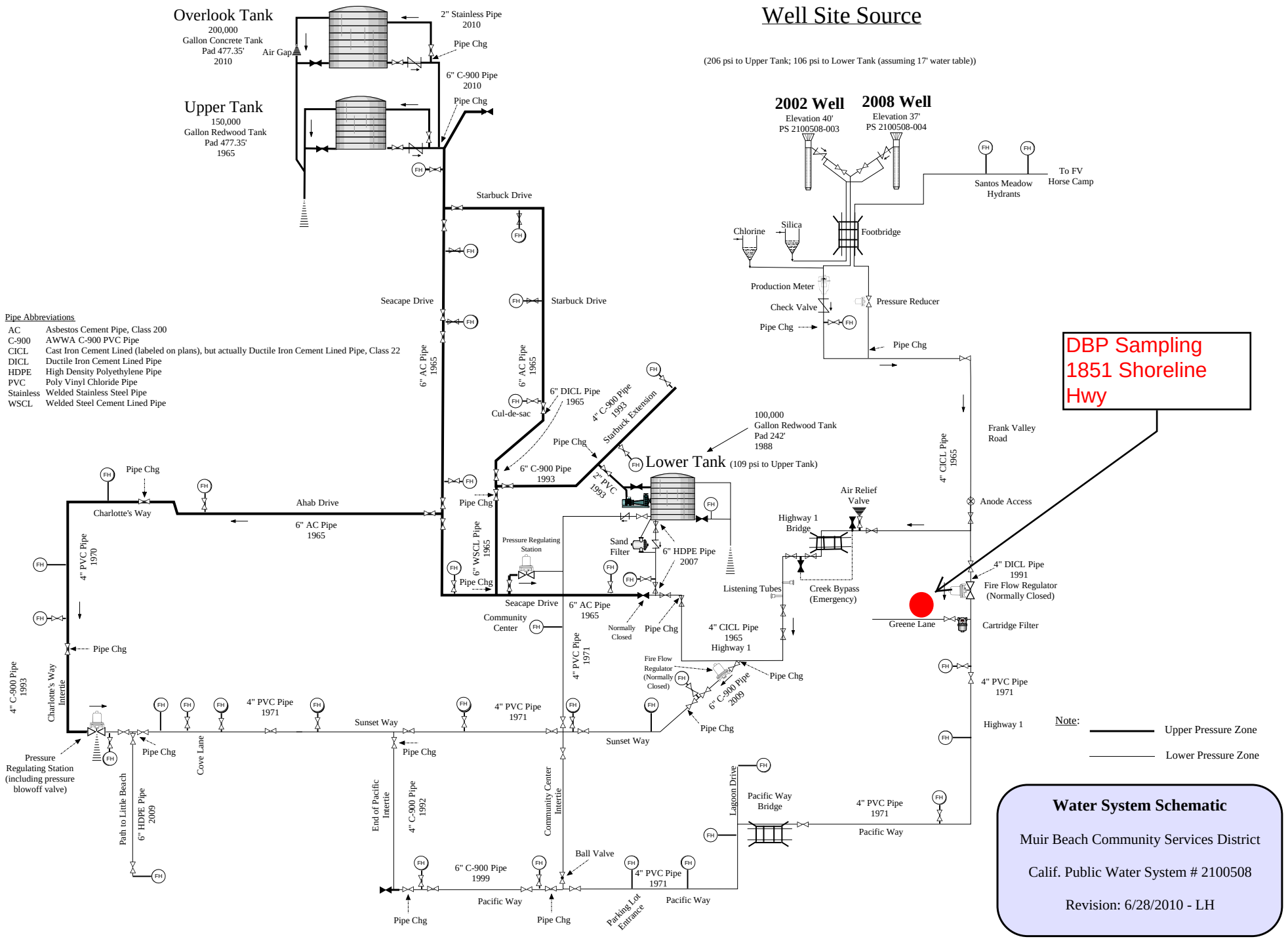
Well Site Source

(206 psi to Upper Tank; 106 psi to Lower Tank (assuming 17' water table))



Pipe Abbreviations

AC	Asbestos Cement Pipe, Class 200
C-900	AWWA C-900 PVC Pipe
CICL	Cast Iron Cement Lined (labeled on plans), but actually Ductile Iron Cement Lined Pipe, Class 22
DICL	Ductile Iron Cement Lined Pipe
HDPE	High Density Polyethylene Pipe
PVC	Poly Vinyl Chloride Pipe
Stainless	Welded Stainless Steel Pipe
WSCL	Welded Steel Cement Lined Pipe

Water System Schematic

Muir Beach Community Services District

Calif. Public Water System # 2100508

Revision: 6/28/2010 - LH