

# North Pleasant Valley Desalter

## Approval of Revised Plans and Notice Inviting Bids

March 27, 2019



## Desalter Project Status

### Revisions to plans and specifications underway

#### Cost saving measures

- Revise perimeter wall to slatted chain link fence and remove landscaping
- Revise piping to use less costly materials
- Removal of LEED certification process

#### Additional project elements

- Surge mitigation system
- Incorporate treated water and sewer pipelines into treatment facility component
- Electrical service to brine disposal metering vault
- Site entrance design per Caltrans requirements

## Estimated Project Costs

Description	December 2018 Estimated Cost	March 2019 Estimated Cost
<b>Planning and Design Phase</b>		
Design and Environmental	\$3,590,602	\$3,590,602
Redesign		\$140,000
Land Purchase	\$1,761,700	\$1,761,700
Support Services (legal, admin., funding, etc.)	\$1,681,140	\$1,681,140
<b>Construction Phase</b>		
Treatment Facility (Dec. 2018 low bid plus 10% contingency)	\$48,657,400	\$48,657,400
Expected savings from redesign		(\$1,500,000)
Expected increase from construction cost escalation		\$500,000
Conveyance Pipeline and Storm Drain	\$1,500,000	\$1,500,000
SMP Connection	\$500,000	\$500,000
Lewis Rd. Improvements, Surge Mitigation, Sewer, etc.	\$600,000	\$600,000
Well A and B Rehabilitation	\$500,000	\$500,000
Additional Production Well	\$2,200,000	\$2,200,000
Four Monitoring Wells	\$3,000,000	\$3,000,000
Project Management, Design Engineer, Construction Management and Inspection	\$6,009,158	\$6,069,158
<b>Total</b>	<b>\$70,000,000</b>	<b>\$69,200,000</b>

## Estimated Project Costs

Description	December 2018 Estimated Cost	March 2019 Estimated Cost
<b>Planning and Design Phase</b>		
Design and Environmental	\$3,590,602	\$3,590,602
Redesign		\$140,000
Land Purchase	\$1,761,700	\$1,761,700
Support Services (legal, admin., funding, etc.)	\$1,681,140	\$1,681,140
<b>Construction Phase</b>		
Treatment Facility (Dec. 2018 low bid plus 10% contingency)	\$48,657,400	\$48,657,400
Expected savings from redesign		(\$1,500,000)
Expected increase from construction cost escalation		\$500,000
Conveyance Pipeline and Storm Drain	\$1,500,000	\$1,500,000
SMP Connection	\$500,000	\$500,000
Lewis Rd. Improvements, Surge Mitigation, Sewer, etc.	\$600,000	\$600,000
Well A and B Rehabilitation	\$500,000	\$500,000
Additional Production Well	\$2,200,000	\$2,200,000
Four Monitoring Wells	\$3,000,000	\$3,000,000
Project Management, Design Engineer, Construction Management and Inspection	\$6,009,158	\$6,069,158
<b>Total</b>	<b>\$70,000,000</b>	<b>\$69,200,000</b>

## Estimated Project Costs

Description	December 2018 Estimated Cost	March 2019 Estimated Cost
<b>Planning and Design Phase</b>		
Design and Environmental	\$3,590,602	\$3,590,602
Redesign		\$140,000
Land Purchase	\$1,761,700	\$1,761,700
Support Services (legal, admin., funding, etc.)	\$1,681,140	\$1,681,140
<b>Construction Phase</b>		
Treatment Facility (Dec. 2018 low bid plus 10% contingency)	\$48,657,400	\$48,657,400
Expected savings from redesign		(\$1,500,000)
Expected increase from construction cost escalation		\$500,000
Conveyance Pipeline and Storm Drain	\$1,500,000	\$1,500,000
SMP Connection	\$500,000	\$500,000
Lewis Rd. Improvements, Surge Mitigation, Sewer, etc.	\$600,000	\$600,000
Well A and B Rehabilitation	\$500,000	\$500,000
Additional Production Well	\$2,200,000	\$2,200,000
Four Monitoring Wells	\$3,000,000	\$3,000,000
Project Management, Design Engineer, Construction Management and Inspection	\$6,009,158	\$6,069,158
<b>Total</b>	<b>\$70,000,000</b>	<b>\$69,200,000</b>

## Estimated Project Costs

Description	December 2018 Estimated Cost	March 2019 Estimated Cost
<b>Planning and Design Phase</b>		
Design and Environmental	\$3,590,602	\$3,590,602
Redesign		\$140,000
Land Purchase	\$1,761,700	\$1,761,700
Support Services (legal, admin., funding, etc.)	\$1,681,140	\$1,681,140
<b>Construction Phase</b>		
Treatment Facility (Dec. 2018 low bid plus 10% contingency)	\$48,657,400	\$48,657,400
Expected savings from redesign		(\$1,500,000)
Expected increase from construction cost escalation		\$500,000
Conveyance Pipeline and Storm Drain	\$1,500,000	\$1,500,000
SMP Connection	\$500,000	\$500,000
Lewis Rd. Improvements, Surge Mitigation, Sewer, etc.	\$600,000	\$600,000
Well A and B Rehabilitation	\$500,000	\$500,000
Additional Production Well	\$2,200,000	\$2,200,000
Four Monitoring Wells	\$3,000,000	\$3,000,000
Project Management, Design Engineer, Construction Management and Inspection	\$6,009,158	\$6,069,158
<b>Total</b>	<b>\$70,000,000</b>	<b>\$69,200,000</b>

## Estimated Project Costs

Description	December 2018 Estimated Cost	March 2019 Estimated Cost
<b>Planning and Design Phase</b>		
Design and Environmental	\$3,590,602	\$3,590,602
Redesign		\$140,000
Land Purchase	\$1,761,700	\$1,761,700
Support Services (legal, admin., funding, etc.)	\$1,681,140	\$1,681,140
<b>Construction Phase</b>		
Treatment Facility (Dec. 2018 low bid plus 10% contingency)	\$48,657,400	\$48,657,400
Expected savings from redesign		(\$1,500,000)
Expected increase from construction cost escalation		\$500,000
Conveyance Pipeline and Storm Drain	\$1,500,000	\$1,500,000
SMP Connection	\$500,000	\$500,000
Lewis Rd. Improvements, Surge Mitigation, Sewer, etc.	\$600,000	\$600,000
Well A and B Rehabilitation	\$500,000	\$500,000
Additional Production Well	\$2,200,000	\$2,200,000
Four Monitoring Wells	\$3,000,000	\$3,000,000
Project Management, Design Engineer, Construction Management and Inspection	\$6,009,158	\$6,069,158
<b>Total</b>	<b>\$70,000,000</b>	<b>\$69,200,000</b>

- No guarantee that the new bid price will be lower than the previous bid

## Next Steps

Revise plans and specifications: March – April 2019

Bid period: April - June 2019

Contract award: June 26, 2019

Construction and start-up: July 2019 – August 2021

# North Pleasant Valley Desalter

Approval of Revised Plans and  
Notice Inviting Bids

March 27, 2019

