



PUMP REPAIR SERVICE CO.

June 24, 2026

City of Santa Clara
1705 Martin Ave.
Santa Clara, CA 95050
Attn: Lawrence Tam

SUBJECT: WELL 10

Dear Lawrence,

We are pleased to provide you with an estimated proposal on the materials and labor that are listed below.

1 – Byron Jackson 200 HP, 14M	\$121,815.00
460 volt, type M, NSF-61	
Refurbished submersible motor,	
1 – 200 HP 14" type M,	-8,900.00
Byron Jackson trade in credit	
Refurbished motor Total	112,915.00

Design Conditions: 1650 GPM @ 295' TDH

1 – Byron Jackson / Flowserve	45,711.00
Model 13 ETMH/13 MQH	
4 stage, 416 SS shaft,	
C903 tin bronze impellers	
4" discharge submersible	
Bowl assembly NSF-61	
With non-witness performance test	
1 – 1/0 motor flat cable factory	60,715.00
Splice onto 370' of 350 MCM	
Power cable, including a breakout	
seal boot on submersed end of round	
Cable NSF-61	
350' feet of 10" .279 uncoated NSF-61	29,700.00
Wall column pipe	
1 – 10" column pipe check valve	4,175.00

ESTABLISHED 1941

1 – 3" Power cable liquid tight SS connector	375.00
1 – Lot of SS buckles and bandit	600.00
Materials	
1 – Shipping crate	1,200.00
Misc Hardware	300.00
Materials	\$255,691.00
Factory freight & handling	16,000.00
Sales tax 9 3/4%	26,489.87
Drain oil, handling, crating, cleaning, wrapping	1,860.00
Existing 200 HP in plastic, ship back to Flowserve	
Freight back to Flowserve MD	5,000.00
Field labor to remove 350 feet of column pipe	12,400.00
Well rig/service truck	2,100.00
Estimated field labor to separate Byron Jackson motor from bowl assembly	
Install shipping cap	3,000.00
Boom truck/service truck	825.00
Shop labor	4,960.00
Weld 3" threaded coupling onto bottom of	
Discharge head for grommet to seal power cable	1,750.00
Estimated field labor to reinstall	15,500.00
New pumping equipment with 300 feet of column pipe	
Well Rig / Boom Truck / Service Truck	2,250.00
Video survey – Dual view camera	1,350.00
Nylon wire brush, swab and airlift or	
ball debris and fill from bottom	13,500.00
Revideo survey (no charge)	0
Estimated Total	\$362,675.87
Delivery on motor	16 Weeks
Delivery on power cable	16 Weeks
Delivery on bowl assembly	16 Weeks
Delivery on column pipe	12 Weeks

If you have any questions on the above, please give me a call.

Sincerely,



Wayne Archer

WA/dm

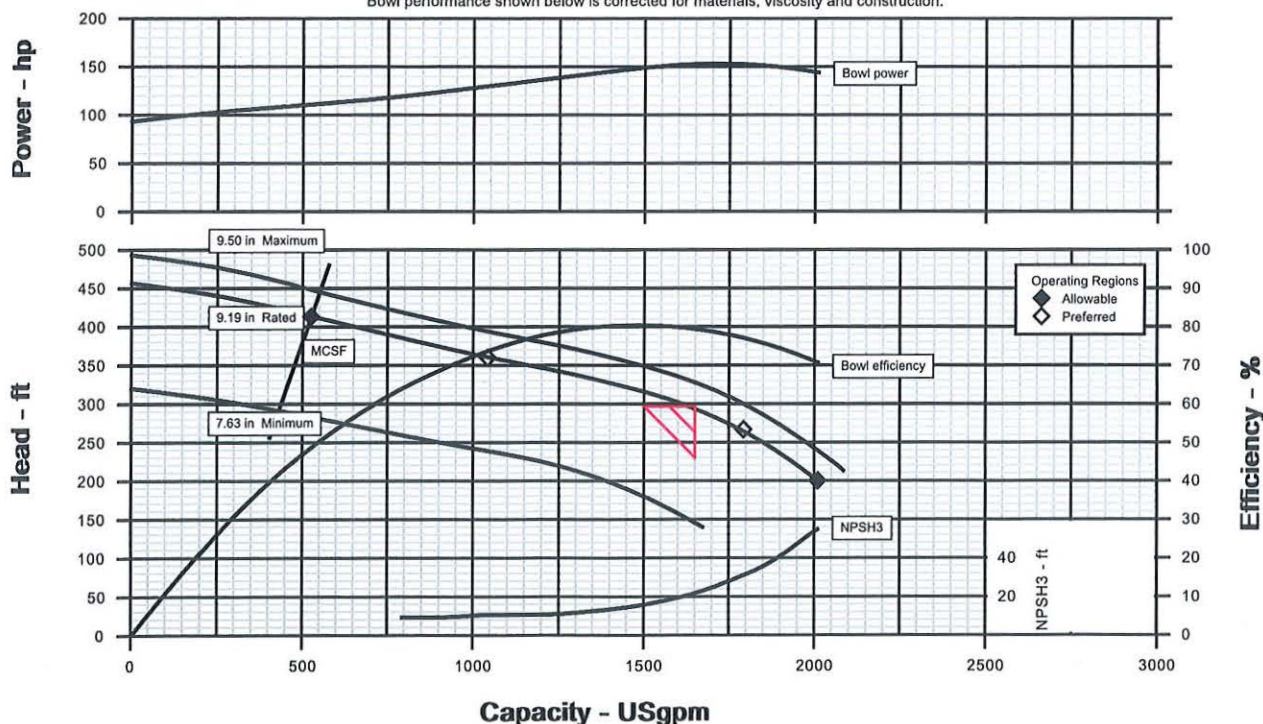
Customer	: FLOWSERVE PUMP DIVISION	Pump / Stages	: 13ETMH / 4
Customer reference	: -	Based on curve no.	: 88376551
Item number	: -	Flowserve reference	: 504585485
Service	: PRSCO - Santa Clara Well 10	Date	: June 19, 2026

Operating Conditions		Materials / Specification	
Capacity	: 1,650.0 USgpm	Material column code	: B30
Water capacity (CQ=1.00)	: -	Other Requirements Hydraulic selection : No specification Construction : No specification Test tolerance : ANSI/HI 14.6 Grade 1B Speed Set : 1760 rpm Driver Sizing : Max Power(MCSF to EOC) using SF Seal configuration : Single Mechanical Seal	
Normal capacity	: -		
Rated head @ Low liquid level	: 295.00 ft		
Water head (CH=1.00)	: -		
NPSH available (NPSHa) @ Low liquid level	: 33.4 ft		
NPSHa less NPSH margin @ Impeller eye	: -		
Maximum suction pressure	: Not applicable		
Rated suction pressure	: Not applicable		
Liquid			
Liquid type	: Fresh water		
Liquid description	: Groundwater		
Temperature / Specific gravity	: 60 °F / 0.999		
Viscosity / Vapor pressure	: 1.00 cSt / 0.26 psia		

Performance			
Pump speed	: 1,760 rpm	Impeller diameter	: Rated / Maximum / Minimum
NPSH required (NPSH3) (CNPSH=1.00) @ Im...	: 21.2 ft		: 9.19 in / 9.50 in / 7.63 in
Minimum submergence	: 24.00 in	Impeller diameter ratio (rated/max)	: 96.7 %
Hydraulic power	: 123 hp	Maximum head at rated diameter	: 457.33 ft
Efficiency (Pump overall / Bowl) (CE=1.00)	: 79.8 % / 80.0 %	Head rise to shut off	: 54.6 %
Power (rated/max)	: 154 hp / 156 hp	Total head ratio (rated / max) / (max / rated)	: 89.8 % / 111.4 %
Driver power rating	: 200 hp / 149 kW	Flow at BEP	: 1,493.2 USgpm
Bowl pressure	: 197.8 psig	Flow as % of BEP	: 110.5 %
(based on shut off @ cut dia/rated SG)		Minimum continuous flow	: 524.3 USgpm
Maximum allowable	: 440.0 psig	Rated thrust (at Rated flow)	: 3,463.2 lbf
Bowl & column hydrotest	: 247.2 psig	Maximum thrust (at Shut off flow)	: 5,311.0 lbf
Dischg Head Dischg Region MAWP	: 285.0 psig	Min thrust - Runout flow / Max Suction	: 2,360.8 lbf
Ns / Nss (per eye)	: 2,462 / 8,280 (US)	(A negative thrust value indicates an upthrust condition)	

CURVES ARE APPROXIMATE. PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS; CAPACITY, HEAD, AND EFFICIENCY.

Bowl performance shown below is corrected for materials, viscosity and construction.



Bowl head of 295.91 ft corresponds with 295 ft head at low liquid level adjusted for elevation and friction losses.

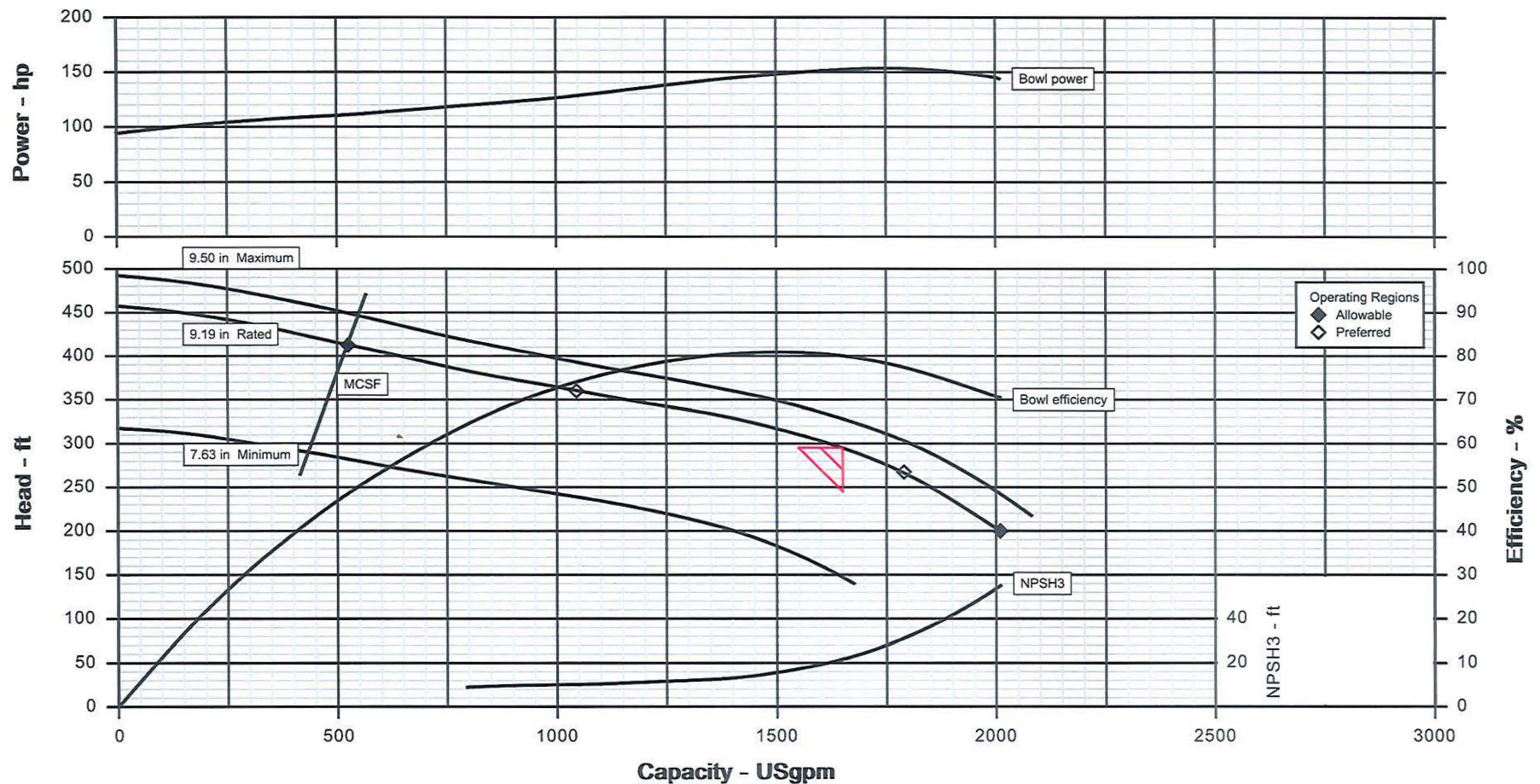
** denotes rejection criteria

Customer	: FLOWERVE PUMP DIVISION	Capacity	: 1,650.0 USgpm
Item number	: -	Head	: 295.00 ft
Service	: PRSCO - Santa Clara Well 10	Density / Specific gravity	: - / 0.999
Flowserve reference	: 504585485	Pump speed	: 1,760 rpm
Pump size & type / Stages	: 13ETMH / 4	Ns / Nss (per eye)	: 2,462 / 8,280 (US)
Based on curve no.	: 88376551	Test tolerance	: ANSI/HI 14.6 Grade 1B
Impeller diameter	: 9.19 in	Date	: June 19, 2026



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