

**Christian Valley Park CSD
Water Report – April 2021
(Preliminary Draft – 5/7/2021)**

Water Plant Operation and Maintenance

1. Average flow for the month 0.350 MGD raw water was 1.2 NTU.

Water Line Repairs

1. 2527 Christian Valley Road - After hours response to 'large' leak at meter - put temporary patch to get customer water overnight, returned the following day, pinched service line to repair. Removed a GSP nipple that corroded. PVC elbow cracked overnight due to flex coupling pushing overnight on customer side that was buried, responded to call on Sat morning regarding second leak, blocked pipe on back to prevent another problem, tightened flex coupling on customer side, small leak observed on customer side – removed the flex coupling and replumbed.
2. Mary Ln (no street number)- Repaired leak on 2-inch; had to shut down Upland and portion of Mary. Cracked male adaptor, replaced in and installed flex coupling online.
3. Witt Road – very small leak, monitoring, unclear if it is on the main or service line up the road. Potholed in a number of locations, no apparent source.
4. Helen – continue to monitor, Placer County is marking their sewer line. Unclear if it is treated water or county sewer line.
5. 4955 Lorin Court – leak between meter and curb stop – corroded galvanized steel pipe nipple. Replaced, customer also had leak on their side, notified them.
6. Possible leak at corner of Allen and Christian Valley Road, dry – no leak.

Miscellaneous Call Outs

1. After hours call out for low chlorine – pump lost prime, had to reprime it. With new control system adjusting pumps to enable one to fail and still be able to operate on either post or prime.
2. 3740 Upland – no water complaint Saturday night. Tried to talk customer into trouble shooting, needed someone to come out. Determined that the main valve to house was shut; opened and service was restored.

Miscellaneous

1. Replaced flange on Filter 2 last month, went well. Invoiced this month.
2. Completed hydrant testing for the year – applied anti-seize on all caps, and tested hydrants.

Capital Improvements

1. Installed actuator on Filter 1/Cell 1 – received the remaining actuators and modified brackets rather than purchase new ones. Installed the beginning of April, working much better than old ones. Will utilize the old ones for parts and emergency spares for Filter 2.

Upcoming Work

1. Clean sludge basin – have to be delayed until Fall due to high demands and limited storage.
2. Flocc drive two is acting up, will try and replace brushes on the motor – seems to operate intermittently. Ordered new brushes.
3. Filter inspections – purchased gasket material need to schedule, hoping for cool down. Replacing gaskets on lower manways will have to wait until fall due to high demands and the limited storage.
4. EAR and CCRs for regulatory reporting – working on reports.

Storage Tank Project Update

1. Continued operation on Tank 1 and new pump station. System is working well.
2. SCADA programmers have majority of system programmed, still need to implement Tank 2, stormwater pump station and booster pump station.
3. Preparing to do the final tie in – disinfection and bacti testing still needed. Will have
4. Site fencing – spoke at least meeting about modifying fencing to enclose entire site. Committee was assigned.
5. Jeff the neighbor asked if the Board would consider a screening fence at south side of his property to screen opening to Tank 2. He did not realize the impact it would have on his view as he drives into property – likely to be about 40’ of fence.
6. Three outstanding change orders being processed:
 - a. CO 4 – Tank Pad – contractor contending soils under Tank 2 were unsuitable and delayed them and necessitated need to import aggregate base rock – amount requested was \$47,000. Have rejected their request in two separate letters.
 - b. CO5 – Trench Backfill – contractor contends that they could not utilize onsite soils for trench backfill – similar to CO4. Have not responded as of 5/7/2021, but plan to deny similar to CO4 reasoning.
 - c. COVID/Milestone 2 – Prepared CO language per Board direction. As of 5/7/2021 have not received response.
7. PP11 is being processed and will be submitted – based on progress this period construction total of about \$200,000 for PRT invoice (w/o retainage).
8. Tank 2 nearly complete, odds and ends remain, but structure is up including roof. Working on appurtenances including vents, ladder, etc.
9. Schedule for Tank 2 – As of 5/7 PRT thought painting crew would be onsite 5/17. Ability to fill tank should be close to June 15th, but likely a little later.



Tank 2 – Under construction looking to south towards Tank 1.

X:\hydros\projects\cvp\Status Reports\2021_status_reports\CV Status 4_2021.docx

- NOTE: Per direction of Board, status reports limited to 10-minutes; not all topics listed above are necessarily covered at Board Meeting for sake of time, but have been included on Water Report Agenda for Board information.

Invoice

Date	Invoice #
5/5/2021	1545

Hydros Engineering, Inc.
P.O. Box 81
Weimar, CA 95736

Bill To
Christian Valley Park CSD PO Box 3138 Auburn CA 95604

P.O. Number		Project		
April 2021		CV Contract Operations		
Qty	Item Code	Description	Price Each	Amount
30	CV Contract Ops (Daily)	Daily contract operations of CVP system	285.97	8,579.10
1,160	Polymer	Polymer Polymer - Jenfitch 1750	1.0825	1,255.70
		Flange Replacement on Filter 2 - Drain filter, cut out existing flange that was corroded and weld new nipple/flange onto header pipe - replace 4" butterfly valve and install bolts.		
1	Sub-contractor	Welder - Peter Johnston Welding Inv - 88	588.50	588.50
1	Material	Material supplied by Hydros Engineering - New butterfly valve - Ferguson Inv 1615526	300.75	300.75
1	Material	Material supplied by Hydros Engineering - nuts and bolts for flange - HD CC charge 4/5/2021	52.18	52.18
6	Cert. Operator	hrs - drain filter, assist welder, and fill and restart filters	103.86	623.16
22	Mileage	Mileage Expense	0.85	18.70
		Misc Material		
1	Material	Material supplied by Hydros Engineering - tarp for covering computer during welding, trash bags. HD CC charge - 4/5/2021	20.32	20.32
1	Material	Material supplied by Hydros Engineering - gray paint for filter piping - HD Charge 4/8/2021	63.65	63.65
1	Material	Material supplied by Hydros Engineering - Neoprene rubber for filter hatches as part of filter inspection. Amazon CC Charge 4/21/2021	113.24	113.24
1	Material	Material supplied by Hydros Engineering - Fittings, brackets, nipples to remount chemical feed pump - MV hardware Inv A279778/A279751	61.91	61.91
		Water Quality Sampling - prepare, collect and process water quality samples		
1.5	Cert. Operator	hrs	103.86	155.79
			Total	

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P.O. Number		Project		
April 2021		CV Contract Operations		
Qty	Item Code	Description	Price Each	Amount
4.5	Cert. Operator	Hydrant Inspection - Check hydrants throughout district, apply antisieze on caps, verify iso valve and hydrant operation	103.86	467.37
4.5	Laborer 2	hrs	50.00	225.00
50	Mileage	Mileage Expense	0.85	42.50
1	Cert. Operator	Leaks and Call Outs Chlorine Alarm - Respond to plant alarm for low chlorine - pump failed, replaced with spare pump and restarted plant	103.86	103.86
24	Mileage	hrs Mileage Expense	0.85	20.40
1	Cert. Operator	USAs/Line Marking for 6420 Stanley/2203 Allen - could not locate marks on either of the sites, follow up with residents on excavation location.	103.86	103.86
2	Cert. Operator	hrs Leak at 2527 Christian Valley Road - After hours response to large leak at meter - put temporary patch to get customer water overnight, returned the following day, pinched service line to repair. Elbow cracked overnight due to flex coupling pushing overnight, responded to call on Sat morning regarding second leak, blocked pipe on back to prevent another problem, tightened flex coupling on customer side, small leak will need to repair prior to backfill.	103.86	207.72
24	Mileage	4/29/2021 - hrs - Call out evening 4/29 - temp fix Mileage Expense	0.85	20.40
1	Material	Material supplied by Hydros Engineering - hose clamps/rubber for temp repair overnight prior to repair. Tractor Supply - CC Charge 4/29/201	27.04	27.04
			Total	

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P.O. Number		Project		
April 2021		CV Contract Operations		
Qty	Item Code	Description	Price Each	Amount
5	Cert. Operator	4/30/2021 - hrs - repair of leak - removed corroded gsp nipple; had to pinch service line to shut down leak; replaced curb stop that was leaking.	103.86	519.30
3	Laborer 2		50.00	150.00
0.5	Service Truck	Service Truck	150.00	75.00
1	Material	Material supplied by Hydros Engineering - Material from Hydros stock - brass curbstop, brass nipple, pvc fittings.	85.14	85.14
4	Cert. Operator	5/1/2021 hrs - respond to customer call at 0600 Saturday, elbow cracked - exposed customer side of meter to find flex coupling that pushed and strained elbow - tightened flex coupler and replaced cracked fitting. - braced piping to reduce strain on elbow. Will need to replace flex coupling on customer side prior to backfill.	103.86	415.44
0.5	Service Truck	Service Truck	150.00	75.00
20	Mileage	Mileage Expense	0.85	17.00
1	Material	Material supplied by Hydros Engineering - bushings and elbows	12.00	12.00
1.25	Cert. Operator	5/6/2021 hrs - removed flex coupling on customer side and hard plumed, cleaned up site and backfilled.	103.86	129.83
1.25	Laborer 2	hrs	50.00	62.50
1	Material	Material supplied by Hydros Engineering - 2 - Sch 80 sl x sl cplgs and pipe. Hydros stock	10.00	10.00
2	Cert. Operator	3740 Upland - Emergency call out Sat. night - customer complained of no water in house, discussed potential issues, wanted someone to come down, determined valve to house was closed. Opened valve for customer and water was restored.	103.86	207.72
26	Mileage	Mileage Expense	0.85	22.10
			Total	

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Christian Valley Park CSD PO Box 3138 Auburn CA 95604

P.O. Number		Project		
April 2021		CV Contract Operations		
Qty	Item Code	Description	Price Each	Amount
2	Cert. Operator	4955 Lorin Court - leak between curbstop and meter - corroded gsp nipple. Made temp fix late on 4/9/2021; repaired on 4/10 able to remove nipple for curbstop, replaced nipple with brass and put new meter spud in. 4/9/2021 hrs - respond to emergency call out for leak in meter. Made temp patch.	103.86	207.72
1	Laborer 2	hr	50.00	50.00
21	Mileage	Mileage Expense	0.85	17.85
3	Cert. Operator	4/12/2021 - made permanent repair	103.86	311.58
0.5	Service Truck	Service Truck	150.00	75.00
2	Vac Trailer	hrs - vac trailer	65.00	130.00
1	Material	Material supplied by Hydros Engineering - 3/4" brass elbow, meter spud and brass nipple.	24.83	24.83
1	Sub-contractor	Mary Lane - 2-inch Leak Repair Triton Invoice - 966 (no mark up) - Labor only, used Hydros equipment	1,342.56	1,342.56
0.5	Service Truck	day - Service Truck	150.00	75.00
3	Vac Trailer	hrs - vac	65.00	195.00
1	Material	Material supplied by Hydros Engineering - 2-2" MA; 1-2" Smith blair barrel - stock	9.31	9.31
1	Sub-contractor	Witt Road Leak - Potholed to find leak check service line about 30' up hill and over the main; very small, not apparent where leak is -confirmed chlorine is present. Backfilled with AB. Triton Inv 967 - (No mark up). Labor only, material and equipment provided by Hydros	925.67	925.67
0.5	Service Truck	day - Service Truck	150.00	75.00
3	Vac Trailer	hrs - vac	65.00	195.00
			Total	\$18,466.70

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Hydros Engineering, Inc.
P.O. Box 81
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Bill To
Christian Valley Park CSD Don Elias PO Box 3138 Auburn, CA 95604

P.O. Number	Project
CVPC17-001	CVPC17-001 - Planning-Design

Qty	Item Code	Description	Price Each	Amount
17.25	Principal Engineer-G. LaBudde	Task 11 Construction Management - Work on budget, addressing contractor claim COVID Change Order, process contractor pay request, scheduling and coordination.	175.00	3,018.75
4.25	Engineering Tech I - T. Austin		65.00	276.25
36.75	Principal Engineer-G. LaBudde	Task 12 Inspections of Construction - Onsite construction inspections and coordination with contractor.	175.00	6,431.25
475	Mileage	Mileage Expense	0.56	266.00
April 1 - 30, 2021			Total	\$9,992.25

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