### **FY22-31 CMMP**

# Rolling Stock Replacement Plan

# **FY22**

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#### **Rolling Stock Replacement Plan**

#### Rolling Stock Replacement Policy Statement

#### Rolling Stock Replacement Policy

The City of Unalaska has a formal, 7 page, written Rolling Stock Replacement Policy. The policy, effective January 1, 2008, establishes the Vehicle Maintenance Chief as the main person responsible for making recommendations to replace and remove vehicles and equipment from our rolling stock fleet.

#### Rolling Stock Includes

Vehicles, equipment, trailers, mixers, pumps, generators, etc that move under their own power or are created to be pulled behind a motor-powered vehicle or piece of equipment. It also includes stationary equipment such as generators, air compressors, Landfill baler, welders, tire baler, and pumps. The City presently has 192 pieces in our rolling stock and equipment inventory.

#### Rolling Stock Replacement Recommendations

Each fiscal year, the replacement list is initiated by our Vehicle Maintenance Chief based on the results of annual inspections and evaluations and in light of any extraordinary circumstances associated with the specific piece of rolling stock. In addition, when a vehicle reaches the recommended review date, the following criteria are used to determine whether the vehicle warrants replacement.

- 1. Level of reliability required
- 2. Historical maintenance and repair costs
- 3. Current physical conditions
- 4. Other factors such as safety and regulatory requirements

### FY22 Rolling Stock Replacement Plan <u>Summary</u>

By Department

As of 02-17-21

| Vehicle # | Dept      | Primary<br>Driver | Description             | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles  | Hours  | Description of New Vehicle                 | Transfer Old<br>Vehicle To | Y22 \$\$\$    | Est or<br>Quote |
|-----------|-----------|-------------------|-------------------------|------|---------------|-----------------|-----------------|--------|--------|--|----------------------------|---------------|-----------------|
| UPD9826   | DPS       | Chief             | 4x4 Explorer            | 2012 | 7             | 2019            | New             | 26,331 |        | Replaced in FY21 waiting for new to arrive | Finance                    | -             | n/a             |
| CH7413    | City Hall | Finance           | Red 4x4 Ford Explorer   | 2003 | 15            | 2018            | UPD9826         | 86,063 |        | Ford Expedition - Police Chief             | City Hall - Floater        | -             | n/a             |
| CH3710    | City Hall | Floater           | Blue Ford Ranger PU     | 1996 | 15            | 2011            | CH7413          | 49,694 |        | Red Ford Explorer                          | Surplus Sale               | -             | n/a             |
| New       | DPS       | Patrol            | New to Fleet            | -    | -             | -               | New             | -      |        | 4x4 Chevy Tahoe                            | n/a                        | \$<br>62,187  | Quote           |
| New       | DPS       | Evidence          | New to Fleet            | 1998 | 15            | 2013            | N/A             | 59,862 |        | White 2500 Chevy Van from Impound          | n/a                        | \$<br>15,000  | Est             |
| UPD5563   | DPS       | Patrol            | 4x4 Ford Expedition     | 2014 | 7             | 2021            | New             | 52,315 |        | 4x4 Chevy Tahoe                            | PCR Floater                | \$<br>62,187  | Quote           |
| New       | DPS       | DPS/Fire          | New to Fleet            | -    | -             | -               | New             | -      |        | Pisten Bully w/Trailer                     | <del>n/a</del>             | -             | Quote           |
| New       | UFD       | Fire              | New to Fleet            | -    | -             | -               | New             | -      |        | 4x4 Chevy/GMC 2500 Crewcab                 | n/a                        | \$<br>55,000  | Est             |
| PW1992    | DPW       | Roads             | 4x2 F250 Flatbed        | 1995 | 15            | 2010            | New             | 53,097 |        | 4x4, Chevy/GMC Rollback Car Hauler         | Surplus Sale               | \$<br>128,249 | Quote           |
| PW6372    | DPW       | Roads             | 4x4 F350 Flatbed w/plow | 2003 | 15            | 2018            | New             | 43,291 |        | 4x4 Chevy/GMC 1-Ton                        | Surplus Sale               | \$<br>45,000  | Est             |
| DT7       | DPW       | Roads             | Volvo 12 CY Dump Truck  | 1996 | 18            | 2014            | New             |        | 17,714 | Sterling 12 CY Dump Truck                  | Surplus Sale               | \$<br>148,941 | Quote           |
| HS1       | DPW       | Roads             | Hydro-Seeder/Mulcher    | 1997 | 20            | 2017            | DNR             |        | 8,892  | DNR - Hire Locally                         | Surplus Sale               | -             | n/a             |
| L1        | DPW       | Roads             | IT28G CAT Loader        | 2001 | 18            | 2019            | New             |        | 13,652 | CAT 930 Loader                             | Landfill                   | \$<br>250,246 | Quote           |
| L4        | DPU       | Landfill          | IT28B CAT Loader        | 1991 | 18            | 2009            | L1              |        | 19,889 | IT28G CAT Loader                           | Surplus Sale               | -             | n/a             |
| LF1       | DPU       | Landfill          | L20B-P Volvo Loader     | 2007 | 18            | 2025            | New             | -      | 16,038 | 908 CAT Loader                             | Surplus Sale               | \$<br>131,552 | Quote           |
| E1214     | DPU       | Line Crew         | Ford F800 Crane Truck   | 1986 | 20            | 2006            | New             | -      | 1,377  | 2 TON Chevy/GMC Crane Truck                | Surplus Sale               | \$<br>241,962 | Quote           |
| New       | Ports     | Ports             | New to Fleet            | -    | -             | -               | New             | -      |        | 908 CAT Loader                             | n/a                        | \$<br>125,652 | Quote           |
| New       | DPU       | WW                | New to Fleet            | -    | -             | -               | New             | -      |        | 150 KVA Backup Genset - Lift Stations      | n/a                        | \$<br>89,680  | Quote           |
| GS13      | DPU       | W                 | Kato Genset             | 1994 | 20            | 2014            | New             | -      | 8,277  | 100 KVA Backup Genset - Water Wells        | Surplus Sale               | \$<br>77,369  | Quote           |

By Fund

TOTAL \$ 1,433,026

| GENERAL FUND      | \$<br>766,810 |
|-------------------|---------------|
| ELECTRIC FUND     | \$<br>241,962 |
| WATER FUND        | \$<br>77,369  |
| WASTEWATER FUND   | \$<br>89,680  |
| SOLID WASTE FUND  | \$<br>131,552 |
| PORTS/HARBOR FUND | \$<br>125,652 |

TOTAL \$ 1,433,026

#### This Vehicle Transferring to Finance

Vehicle UPD9826 driven by DPS Police Chief was replaced in FY21 based on life cycle. The new replacement vehicle has not yet arrived. When it does, the vehicle pictured will remain in the fleet and be transferred to the Finance Director.

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| Vehicle # | Dept | Primary<br>Driver | Description  | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles  | Hours | Description of New Vehicle                 | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|--------------|------|---------------|-----------------|-----------------|--------|-------|--|----------------------------|-------------|-----------------|
| UPD9826   | DPS  | Chief             | 4x4 Explorer | 2012 | 7             | 2019            | New             | 26,331 |       | Replaced in FY21 waiting for new to arrive | Finance                    | •           | n/a             |









#### This Vehicle Transferring to City Hall Floater

The vehicle pictured, driven by our Finance Director, will be replaced with UPD9826 which is a 2012 4x4 Ford Explorer. The vehicle pictured will become the City Hall Floater to replace the present City Hall Floater which is the Blue Ford Ranger Pickup CH3710.

## FY22-31 CMMP

| Vehicle # | Dept      | Primary<br>Driver | Description           | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles  | Hours | Description of New Vehicle     | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|-----------|-------------------|-----------------------|------|---------------|-----------------|-----------------|--------|-------|--------------------------------|----------------------------|-------------|-----------------|
| CH7413    | City Hall | Finance           | Red 4x4 Ford Explorer | 2003 | 15            | 2018            | UPD9826         | 86,063 |       | Ford Expedition - Police Chief | City Hall - Floater        | •           | n/a             |









The vehicle pictured, driven by City Hall personnel as their Floater, will be replaced with CH7413 which is a 2003 4x4 Ford Expedition. The Blue Ford Ranger is 10 years past it's scheduled replacement date and has serious floor pan rust as well as general wear and tear. The vehicle pictured will be disposed of at our annual Surplus Sale held at the DPW Warehouse.

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| Vehicle # | Dept      | Primary<br>Driver | Description         | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles  | Hours | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|-----------|-------------------|---------------------|------|---------------|-----------------|-----------------|--------|-------|----------------------------|----------------------------|-------------|-----------------|
| CH3710    | City Hall | Floater           | Blue Ford Ranger PU | 1996 | 15            | 2011            | CH7413          | 49,694 |       | Red Ford Explorer          | Surplus Sale               | -           | n/a             |









#### This Vehicle is New to Fleet

The example vehicle pictured below will be driven by DPS personnel as a Patrol vehicle and has a recommended 7 year replacement date. Currently, DPS has 15 sworn personnel and 1 ACO yet only 11 vehicles.

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#### **Rolling Stock Replacement Plan**

There is no question that having a vehicle assigned to a particular person increases accountability for maintenance, the care and use of the vehicle, and the life expectancy of the vehicle. In times of routine operation, in the past 6 months, the Police Division has had 4 of its vehicles in the shop at the exact same time for service (i.e. missing windows, brake/rotor replacement, inoperable mechanical parts and etc.). When a vehicle goes in for service, there is a significant risk that the vehicle will be out of service for a significant period due to the availability of parts.

By not having one vehicle per officer, officers are forced to hot seat (operate vehicle shift to shift) which causes more mechanical maintenance. By not having an extra vehicle (above the one officer/one vehicle which is not even being sought at this time) officers are forced to hot seat vehicles whenever a vehicle has to go into the shop for service, again causing more mechanical maintenance.

In the past year, we (as a community) have experienced several different types of emergency situations. In case of a tsunami, all sworn personnel would be called in to orchestrate the safe and orderly evacuation of the public to high ground. We do not have enough vehicles for all responding officers to monitor intersections or various locations to conduct traffic direction duties.

When locating missing persons due to weather or self-displacement, having the capability of having every officer out in the area performing search and rescue operations has a direct correlation to the potential positive conclusion of the situation. Not having the proper number of vehicles has a negative impact on the capabilities of Public Safety for provide services.

| Vehicle # | Dept | Primary<br>Driver | Description  | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|--------------|------|---------------|-----------------|-----------------|-------|-------|----------------------------|----------------------------|-------------|-----------------|
| New       | DPS  | Patrol            | New to Fleet | -    | -             | -               | New             | -     |       | 4x4 Chevy Tahoe            | n/a                        | \$ 62,187   | Quote           |





#### This Vehicle is New to Fleet

The vehicle pictured below will be driven by DPS personnel as a Crime Scene Investigation Vehicle. At present, DPS has a small enclosed trailer for evidence collection which has proven to be awkward to hook up, maneuver, secure, and is inadequately sized.

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#### **Rolling Stock Replacement Plan**

The National Institute of Justice's best practices state, "Careful, thorough investigation is key to ensure that potential physical evidence is not tainted or destroyed or potential witnesses overlooked" and, "Law enforcement personnel must utilize the proper packaging and transportation of evidentiary items to avoid contamination and cross-contamination" and also that law enforcement personnel are to "transport and submit evidence items for secure storage".

Converting this van to police service will allow for proper processing, handling and transportation of evidence in situations that could become volatile. The large interior will allow controlled equipment and supplies to be readily available regardless of the type of scene the vehicle is being dispatched to. From the privacy needed for a sexual assault, to security of large items, to the protection from loss/contamination due to sensitive packaging, a designated Crime Scene Investigation Vehicle is essential to address the modern expectations for handling evidence.

An additional function will be the transportation of decedents. Currently the process involves the placement of a decedent into a body bag and placed in the bed of a truck. The most respectful thing we can do for a family that has lost a loved one is to not treat their loved one as an item to be placed in the bed of a pick-up truck.

Minimal repairs (brakes, seat covers, oil change), evidence collection equipment, and gurney tie-downs estimated to cost \$15,000.

| Vehicle # | Dept | Primary<br>Driver | Description  | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles  | Hours | Description of New Vehicle        | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|--------------|------|---------------|-----------------|-----------------|--------|-------|-----------------------------------|----------------------------|-------------|-----------------|
| New       | DPS  | Evidence          | New to Fleet | 1998 | 15            | 2013            | N/A             | 59,862 |       | White 2500 Chevy Van from Impound | n/a                        | \$ 15,000   | Est             |







#### This Vehicle is Transferring to PCR Floater

The vehicle pictured is driven by DPS personnel as a Patrol vehicle and has reached its recommended 7 year replacement date as an emergency response vehicle. This vehicle will be transferred to PCR Floater. Presently, PCR staff utilize their personal vehicles for work related trips and our insurance provider advised against that practice

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| Vehicle # | Dept | Primary<br>Driver | Description         | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles  | Hours | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|---------------------|------|---------------|-----------------|-----------------|--------|-------|----------------------------|----------------------------|-------------|-----------------|
| UPD5563   | DPS  | Patrol            | 4x4 Ford Expedition | 2014 | 7             | 2021            | New             | 52,315 |       | 4x4 Chevy Tahoe            | PCR Floater                | \$ 62,187   | Quote           |









#### This Vehicle is New to Fleet

The example pictured is a Pisten Bully which would be driven by UFD personnel as a response vehicle. It would also be driven by DPU Water Division to access Icy Lake Reservoir and Pyramid Water Treatment Plant as needed during snow storms. With it's 3' wide tracks enables the Pisten Bully to tread lightly on tundra and traverse snowfields.

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#### **Rolling Stock Replacement Plan**

#### This vehicle has been removed from the FY22 proposed list.

| Vehicle # | Dept | Primary<br>Driver | Description  | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|--------------|------|---------------|-----------------|-----------------|-------|-------|----------------------------|----------------------------|-------------|-----------------|
| New       | DPS  | DPS/Fire          | New to Fleet | •    | •             | •               | New             | -     |       | Pisten Bully w/Trailer     | <del>n/a</del>             | -           | Quote           |







#### This Vehicle is New to Fleet

The example vehicle pictured will be driven by UFD paid personnel to respond to emergencies after regular hours. Currently, Fire Fighters share a vehicle on a rotating basis which always leaves one Fire Fighter without a response vehicle.

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#### **Rolling Stock Replacement Plan**

Adding this vehicle to our response fleet will enable Fire Fighters to respond quickly, efficiently, and safely to emergency incidents. Examples:

- 1. UFD can respond directly to emergencies after hours from home.
- 2. Vehicle will contain all essential responder equipment needed to perform at a high level.
- 3. Personal vehicles are not always available or may be out of service at critical response times.
- 4. Response vehicles contain critical enhanced communications equipment not installed in personal vehicles.
- 5. Personal vehicles should not be required to risk damage in response situations (darkness, rain, snowstorms, mudslides, earthquakes).
- 6. Insurance carrier advises against personal vehicle use for work.
- 7. Personal vehicle operation/maintenance expenses (flat tires, vandalism, lost keys, stuck in snow, etc) not covered by City.

| Vehicle # | Dept | Primary<br>Driver | Description  | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|--------------|------|---------------|-----------------|-----------------|-------|-------|----------------------------|----------------------------|-------------|-----------------|
| New       | UFD  | Fire              | New to Fleet | -    | •             | -               | New             | -     |       | 4x4 Chevy/GMC 2500 Crewcab | n/a                        | \$ 55,000   | Est             |





The vehicle pictured, driven by DPW Roads Division personnel, will be replaced with a new 4x4 F550 Rollback Car Hauler. The vehicle pictured will be disposed of at our annual Surplus Sale held at the DPW Warehouse.

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| Vehicle # | Dept | Primary<br>Driver | Description      | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles  | Hours | Description of New Vehicle         | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|------------------|------|---------------|-----------------|-----------------|--------|-------|------------------------------------|----------------------------|-------------|-----------------|
| PW1992    | DPW  | Roads             | 4x2 F250 Flatbed | 1995 | 15            | 2010            | New             | 53,097 |       | 4x4, Chevy/GMC Rollback Car Hauler | Surplus Sale               | \$ 128,249  | Quote           |









The vehicle pictured, driven by DPW Roads Division personnel, will be replaced with a new one ton 4x4 Chevy Silverado with a flat bed. The vehicle pictured will be disposed of at our annual Surplus Sale held at the DPW Warehouse.

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| Vehicle # | Dept | Primary<br>Driver | Description             | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles  | Hours | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|-------------------------|------|---------------|-----------------|-----------------|--------|-------|----------------------------|----------------------------|-------------|-----------------|
| PW6372    | DPW  | Roads             | 4x4 F350 Flatbed w/plow | 2003 | 15            | 2018            | New             | 43,291 |       | 4x4 Chevy/GMC 1-Ton        | Surplus Sale               | \$ 45,000   | Est             |









The vehicle pictured, driven by our Roads Maintenance personnel, will be replaced with a new 12 cubic yard dump truck . This 1996 vehicle is 7 years past its replacement date, has been well maintained, and runs good but has seen a lot of hard use. Chassis and drive train components are worn beyond repair. Rebuilding this faithful old truck would cost more than purchasing a new one. The vehicle pictured will be disposed of at our annual Surplus Sale held at the DPW Warehouse.

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| Vehicle # | Dept | Primary<br>Driver | Description            | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours  | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|------------------------|------|---------------|-----------------|-----------------|-------|--------|----------------------------|----------------------------|-------------|-----------------|
| DT7       | DPW  | Roads             | Volvo 12 CY Dump Truck | 1996 | 18            | 2014            | New             |       | 17,714 | Sterling 12 CY Dump Truck  | Surplus Sale               | \$ 148,941  | Quote           |









#### This Unit Going on Surplus Sale

The Hydro-Seeder/Mulcher pictured, utilized by DPW Roads Division personnel, will not be replaced. It is seldom used, only 2 or 3 times each summer for a few days. The rest of the time it sits outside deteriorating mechanically and electrically. Mechanics spend more time each year getting it ready to use than the time it's actually in use. Our best option is to contract with a local contractor for our periodic needs. The unit pictured will be disposed of at our annual Surplus Sale held at the DPW Warehouse.

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#### **Rolling Stock Replacement Plan**

#### Do Not Replace

| Vehicle# | Dept | Primary<br>Driver | Description          | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|----------|------|-------------------|----------------------|------|---------------|-----------------|-----------------|-------|-------|----------------------------|----------------------------|-------------|-----------------|
| HS1      | DPW  | Roads             | Hydro-Seeder/Mulcher | 1997 | 20            | 2017            | DNR             |       | 8,892 | DNR - Hire Locally         | Surplus Sale               | -           | n/a             |









#### This Loader is Transferring to Landfill

The loader pictured, driven by DPW Roads Division personnel, will be replaced with a new CAT 930 loader. The IT28G loader pictured reached is scheduled replacement date 2 years ago. It still has some useful life in it so it will be transferred to the Landfill to replace their backup loader.

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| Vehicle # | Dept | Primary<br>Driver | Description      | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours  | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|------------------|------|---------------|-----------------|-----------------|-------|--------|----------------------------|----------------------------|-------------|-----------------|
| L1        | DPW  | Roads             | IT28G CAT Loader | 2001 | 18            | 2019            | New             |       | 13,652 | CAT 930 Loader             | Landfill                   | \$ 250,246  | Quote           |











#### This Unit Going on Surplus Sale

The loader pictured, driven by DPU Solid Waste Division personnel, will be replaced with L1 which is an IT28G CAT loader presently in use by DPW Roads. The loader pictured is a 1991 unit and will be disposed of at our annual Surplus Sale held at the DPW Warehouse.

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| ١ | /ehicle# | Dept | Primary<br>Driver | Description      | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours  | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|---|----------|------|-------------------|------------------|------|---------------|-----------------|-----------------|-------|--------|----------------------------|----------------------------|-------------|-----------------|
|   | L4       | DPU  | Landfill          | IT28B CAT Loader | 1991 | 18            | 2009            | L1              |       | 19,889 | IT28G CAT Loader           | Surplus Sale               | -           | n/a             |









#### This Unit Going on Surplus Sale

The loader pictured, driven by DPU Solid Waste Division personnel, will be replaced with a new 908 CAT loader. The loader pictured is a 2007 unit and is used extensively on a daily basis at the Landfill. The one pictured will be disposed of at our annual Surplus Sale held at the DPW Warehouse.

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| Vehicle # | Dept | Primary<br>Driver | Description         | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours  | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|---------------------|------|---------------|-----------------|-----------------|-------|--------|----------------------------|----------------------------|-------------|-----------------|
| LF1       | DPU  | Landfill          | L20B-P Volvo Loader | 2007 | 18            | 2025            | New             | -     | 16,038 | 908 CAT Loader             | Surplus Sale               | \$ 131,552  | Quote           |









The crane truck pictured will go on Surplus Sale and be replaced with a 2 ton Chevrolet /GMC crane truck. Key points regarding this truck:

 While other departments used to borrow it, the last time Water tried to use it to pull a pump it did not have sufficient lift to complete the job, so they hired Resolve.

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- Resolve is going to be pulling one of the well house pumps as soon as they get parts to service their crane, which is also having issues. The hydraulic pump on ours must be getting tired as we are no longer able to lift anywhere near the rated capacity of the crane.
- The extended boom is needed not because we cannot position the crane close to the object but because we generally have to lift the item a fair distance in height (pumps out of wells, seawater screens from intake pipes, etc.).
- The crane is used weekly by the Powerhouse during the summer to pull the intake screens and hose off the accumulated seaweed which starts to restrict the flow. If it were not for this weekly task, renting a crane as needed might work.
- The crane inspector politely declined to certify this crane last year due to the extensive work needed.
- This truck is a true multi-Division asset, and the purchase could be allocated accordingly, with perhaps half to the Powerhouse and the other half split between Solid Waste, Water, Wastewater, and Ports.

| Vehicle # | Dept | Primary<br>Driver | Description           | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours | Description of New Vehicle  | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|-----------------------|------|---------------|-----------------|-----------------|-------|-------|-----------------------------|----------------------------|-------------|-----------------|
| E1214     | DPU  | Line Crew         | Ford F800 Crane Truck | 1986 | 20            | 2006            | New             | -     | 1,377 | 2 TON Chevy/GMC Crane Truck | Surplus Sale               | \$ 241,962  | Quote           |



#### This Loader is New to Fleet

The example loader pictured will be driven by Ports personnel and primarily uses 3 attachments; bucket, forks, and sweeper. With those attachments the Port maintains over 10 acres of parking lots, traffic approaches, and uplands.

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#### **Rolling Stock Replacement Plan**

This acreage includes the Port facilities of the Light Cargo Dock, UMC, Long and short-term airport parking lots, Bobbie Storrs, and CEM. This work includes cleaning, snow removal, and general operations like set up for facility security, lifting and moving equipment and heavy parts.

On average the existing loader makes 3 RT from UMC to CEM (approximately 6 miles RT) each week with an approximate round trip travel time of 1 hour.

The request for an additional loader is to increase efficiency of both Harbor Officer's use of time as well as response to harbor and port needs. The cost of labor for travel time alone over the life of the equipment is estimated at \$152,000. We also gain 156 hours a year of additional work. And the ability to tackle multiple jobs once that require the loader. Snow removal is an example.

The particular equipment does not have a return on investment because it directly generating revenue, but the return on investment is direct through better use of labor hours, efficient operations, and customer support.

| Vehicle # | Dept  | Primary<br>Driver | Description  | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours | Description of New Vehicle | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|-------|-------------------|--------------|------|---------------|-----------------|-----------------|-------|-------|----------------------------|----------------------------|-------------|-----------------|
| New       | Ports | Ports             | New to Fleet | -    | -             | -               | New             | -     |       | 908 CAT Loader             | n/a                        | \$ 125,652  | Quote           |





#### This Generator is New to Fleet

The example genset pictured will be used by DPU Wastewater Division personnel. With 10 sewage lift stations around town, it is nearly impossible to service all 10 during an extended power outage and/or a heavy rain event. Wastewater personnel have been able to get by so far

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#### **Rolling Stock Replacement Plan**

with one backup generator, however, with increasing inflow and infiltration from aging sewer pipes, it is possible (and likely) that we may not be able to continue keeping up with the flows. Lift station #5 in the Valley generates the most flows during these high inflow events and being able to dedicate one generator solely to these pumps would enable plant operators to service the other 9 sewer lift stations at the same time.

| Vehicle # | Dept | Primary<br>Driver | Description  | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours | Description of New Vehicle            | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|--------------|------|---------------|-----------------|-----------------|-------|-------|---------------------------------------|----------------------------|-------------|-----------------|
| New       | DPU  | WW                | New to Fleet | -    | -             | -               | New             | -     |       | 150 KVA Backup Genset - Lift Stations | n/a                        | \$ 89,680   | Quote           |



#### This Unit Going on Surplus Sale

The genset pictured, used by DPU Water Division personnel, will be replaced with a new 100 KVA Generac genset. The genset is used as backup power for water wells in the Valley. The genset pictured is a 1994 unit with a John Deere engine mated to a Kato generator. It will be disposed of at our annual Surplus Sale held at the DPW Warehouse. A new dependable backup generator is essential in providing dependable clean water for all Unalaska residents.

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| Vehicle # | Dept | Primary<br>Driver | Description | Year | Life<br>Cycle | Replace<br>Date | Replace<br>With | Miles | Hours | Description of New Vehicle          | Transfer Old<br>Vehicle To | FY22 \$\$\$ | Est or<br>Quote |
|-----------|------|-------------------|-------------|------|---------------|-----------------|-----------------|-------|-------|-------------------------------------|----------------------------|-------------|-----------------|
| GS13      | DPU  | W                 | Kato Genset | 1994 | 20            | 2014            | New             | •     | 8,277 | 100 KVA Backup Genset - Water Wells | Surplus Sale               | \$ 77,369   | Quote           |









