

City Council
COMMITTEE OF THE WHOLE
City of Belvidere, Illinois

Alderman Clayton Stevens	Chairman Building
Alderman John Albertini	Vice-Chairman Building
Alderman Wendy Frank	Chairman Finance and Personnel
Alderman Ric Brereton	Vice -Chairman Finance and Personnel
Alderman Mike McGee	Chairman Planning & Zoning
Alderman Matthew Fleury	Vice-Chairman Planning & Zoning
Alderman Rory Peterson	Chairman Public Safety
Alderman Jerry Hoiness	Vice-Chairman Public Safety
Alderman Sandra Gramkowski	Chairman Public Works
Alderman Chris Montalbano	Vice-Chairman Public Works

AGENDA

May 26, 2026
6:00 p.m.
City Council Chambers
401 Whitney Blvd., Belvidere, Illinois

Call to Order:

Roll Call:

Public Comment:

Public Forum:

1. Perry School Proclamation.

Reports of Officers, Boards, and Special Committees:

1. Public Safety, Unfinished Business: None.

2. Public Safety, New Business:
 - (A) Police Department – Update.
 - (B) Fire Department – Update.
 - (C) First Due Fire Service Management Platform Renewal.

3. Finance & Personnel, Unfinished Business: None.

4. Finance & Personnel, New Business:
 - (A) Appointment of Public Works Director.
 - (B) City/County Coordinating Committee.

5. Other, Unfinished Business:

6. Other, New Business:
 - (A) Intergovernmental Agreement with Belvidere Park District – Santa House.
 - (B) DFOA TIF Redevelopment Agreement.
 - (C) 2026 Mowing Program.
 - (D) Logan Avenue Water Main Replacement Project – Bid Tabulation.
 - (E) Sanitary Sewer Manhole Adjustment Phase 3 – Bid Tabulation.
 - (F) WWTP Thickening Centrifuge Repair.
 - (G) Executive Session Pursuant to Section 2(c)(2) of the Open Meetings Act to Discuss Collective Bargaining Matters.

7. Adjournment:



**BELVIDERE
FIRE
DEPARTMENT**

**123 S. State St.
Belvidere, IL 61008**

MEMORANDUM

To: Mayor and City Council
From: Chief Shawn Schadle
Date: 05/25/2026
Re: Authorization to Renew First Due Fire Service Management Platform

Mayor and Members of the City Council,

I am requesting approval to renew the department's annual subscription with First Due in the amount of \$18,979.27, as budgeted for in line item 01-5-220-7020.

The Belvidere Fire Department has utilized the First Due system since 2022. The previous annual cost was \$17,214.75, reflecting a moderate increase consistent with system enhancements and expanded capabilities.

First Due is considered a best-in-class fire service management platform and is comparable in price to ESO, the other major provider in this space. Since implementation in 2022, the department has expanded its use of the platform across core operations, including CAD integration, occupancies, inspections, inspection compliance tracking, invoicing, incident reporting, preplans, personnel records, assets, and related records.

The system is now deeply integrated into emergency operations and daily workflow and serves as a central source for both operational and administrative data. The value of the platform is not limited to individual modules; it comes from how those modules function together and how years of department data are now interconnected within a single system.

Based on its proven effectiveness, competitive pricing, and integration into daily operations, I recommend the following motion.

Recommended Motion:

Motion to approve the renewal of the First Due software platform subscription in the amount of \$18,979.27, to be paid from budget line item 01-5-220-7020.

Respectfully,

Shawn Schadle
Chief Belvidere Fire Department



INVOICE

Bill To	Ship To	Invoice #	8419
Belvidere Fire Department (IL) 123 S State St Belvidere IL 61008 United States	Belvidere Fire Department (IL) 123 S State St Belvidere IL 61008 United States	Date	07/15/2026
		Due Date	08/14/2026
		Terms	Net 30
		Term (Months)	12.0
		P.O. Number	

Qty	Date	Item
1	07/15/2026	Occupancy Management & Pre-Incident Planning Manage Occupancies, Pre-Incident Mapping, ArcGIS Maps, Fire Systems, Hazardous Material, and Contacts.
1	07/15/2026	Inspections Field Inspections, Configurable Checklists, Violation Management, Virtual Inspections, Inspections Scheduler, and Integrated Pre-Incident Planning.
1	07/15/2026	Investigations Organize, analyze and document investigations, keeping case information secure and separated from, but integrated with other modules.
1	07/15/2026	Invoicing Invoice Management, Bulk Mailing, Billing Report and Customizable Fee Schedules.
1	07/15/2026	Incident Reporting - Fire Incident Documentation NFIRS Incident Documentation, State and Federal Compliance with automated submission.
1	07/15/2026	Personnel Management Store, Manage and Access Employee Records including demographic data, certifications and employment information.
1	07/15/2026	Events & Activities Create Events, View Global Activity Log, and Access Global Calendar.
1	07/15/2026	Assets & Inventory Assets, vehicles, equipment and inventory management, assets and equipment checks, and work order management.
1	07/15/2026	Responder Web Responder dashboard and Responder iOS/Android App with notifications, statusing and routing.
1	07/15/2026	CAD Integration (Other) Receive CAD Data to support First Due Responder and Incident Reporting modules via sFTP, XML, or API.
1	07/15/2026	Kno2 Standard Subscription Direct messaging and Unlimited Cloud faxing to deliver PCRs to hospital.

Subtotal	USD \$18,979.27
Tax	USD \$0.00
Total	USD \$18,979.27
Balance Due	USD \$18,979.27

Payment Instructions

USD Wire/ACH - Bank: Wells Fargo Bank - Account Number: 4192384907 - Routing Number: 121000248
CAD Wire - Bank: Wells Fargo Bank - Account Number: 3330004515 - Wells Fargo SWIFT BIC: WFBIUS6A - Intermediary SWIFT BIC: BOFMCAM2
Check - Check Payable To: Locality Media LLC dba First Due - Remit to: PO Box 782840 Philadelphia, PA 19178-2840
AR@firstdue.com

Memo

To: City Council
From: Mayor Clinton Morris
cc:
Date: May 15, 2026
Re: Director of Public Works

Given the retirement of Brent Anderson I hereby offer my appointment of Deputy Director Jordan Keck as the next Director of the Public Works Department for your consent and approval.

Recommended Motion: Motion to consent to the appointment of Jordan Keck as the Director of Public Works effective June 8, 2026.

Memo

To: City Council
From: Mayor Clinton Morris
Date: May 21, 2026
Re: City County Coordinating

You will recall, the City and County have agreed to reinstitute the standing “City/County Coordinating Committee”. As such, I am appointing Alderman Peterson, Alderman Montalbano and Alderwoman Frank to serve on the City/County Coordinating Committee subject to their consent. It is anticipated that the Committee will meet quarterly.

Memo

To: City Council
From: Mayor Clinton Morris
cc:
Date: May 21, 2026
Re: Santa Clause House

You will recall, the City, in coordination with Mr. Beckel, as a part of his Eagle Scout project, constructed a Santa Clause house that was utilized for Hometown Christmas. The house is very heavy and difficult to move, requiring the use of cranes, and is currently utilizing significant storage space at the Leath warehouse.

The Belvidere Township Park District has agreed to take possession of the Santa Clause House and provide it a permanent home which will eliminate the City's storage problem as well as the need to incur costs each time the house is moved. As such, we recommend transferring possession of the Santa Clause House to the Belvidere Township Park District pursuant to the intergovernmental agreement attached to this memo.

RECOMMENDED MOTION: Motion to approve the intergovernmental agreement with the Belvidere Township Park District to transfer possession and ownership of the Santa Clause House.

**INTERGOVERNMENTAL AGREEMENT
BETWEEN THE CITY OF BELVIDERE AND THE BELVIDERE PARK DISTRICT
REGARDING THE SANTA HOUSE**

This Intergovernmental Agreement (“Agreement”) is made and entered into this ___ day of _____, 2026, by and between the City of Belvidere, an Illinois municipal corporation (“City”), and the Belvidere Park District, an Illinois park district (“District”).

1. Purpose

The purpose of this Agreement is to provide for the transfer, relocation, and ongoing ownership and responsibility of the structure commonly known as the “Santa House” to be located at Doty Park in Belvidere, Illinois.

2. Transfer of Possession

Upon completion of construction and/or preparation of the Santa House, the City agrees to transfer possession of the Santa House to the District. The District agrees to accept possession of the Santa House at Doty Park.

3. Relocation Assistance

The City agrees to assist with the relocation and placement of the Santa House to Doty Park. The specific method, timing, and coordination of the move shall be mutually agreed upon by both parties. The City and District will each pay one-half the cost of relocating the Santa House to Doty Park at an amount not to exceed \$1,500.00 (\$750.00 each).

4. Ownership and Responsibility

Upon the District taking possession of the Santa House at Doty Park, the District shall assume full ownership, operation, maintenance, and control of the Santa House and shall be solely responsible for all associated costs, including maintenance, repairs, utilities, and future improvements.

5. Liability and Indemnification

Upon taking possession, the District shall assume all liability associated with the Santa House, including its use, condition, and presence at Doty Park. The District agrees to indemnify, defend, and hold harmless the City, its officers, employees, and agents from any and all claims, damages, losses, or liabilities arising out of or related to the Santa House after the date of possession.

6. Condition of Property

The District accepts the Santa House “as-is” at the time of transfer, with no warranties or guarantees made by the City regarding its condition.

7. Term

This Agreement shall take effect upon execution by both parties and shall remain in effect until the transfer of possession is complete and all obligations outlined herein have been fulfilled.

8. Entire Agreement

This Agreement constitutes the entire understanding between the parties regarding the Santa House and may only be modified in writing signed by both parties.

9. Authorization

The undersigned certify that they are authorized to execute this Agreement on behalf of their respective entities.

CITY OF BELVIDERE

By: _____

Name: _____

Title: _____

Date: _____

BELVIDERE PARK DISTRICT

By: _____

Name: _____

Title: _____

Date: _____

Memo

To: Mayor and City Council
From: Mike Drella
CC: City Clerk
Date: 5/19/2026
Re: DFOA TIF Redevelopment Agreement

The City of Belvidere has \$107,790.97 in accumulated unallocated funds in the Kishwaukee River Redevelopment Area TIF Fund which are available for public and private improvements within the Redevelopment Area. As you know, the TIF expires in December 2027. The City has completed all planned public improvements utilizing TIF funds.

Dairy Farms of America has experienced difficulties with their waste water pre-treatment program which has negatively impacted the City's Waste Water Treatment Plant on numerous occasions resulting in costs to the City and fines owed by DFOA. DFOA has identified improvements that can be made to their pre-treatment process which will have a beneficial impact upon City operations. The projected cost of the improvements exceeds \$806,800.00.

We recommend utilizing available TIF funds in the form of a grant to help DFOA meet the funding requirements for the pre-treatment improvements pursuant to the proposed Redevelopment Agreement attached to this memo. Further, it is likely that the City will receive additional TIF revenues (approximately \$22,296.00) as new taxes are received from the County before January 1. We also recommend that the Council authorize the Mayor to execute an amendment to the Redevelopment Agreement to provide additional funding not to exceed TIF revenues received that are not otherwise allocated.

RECOMMENDED MOTION: Motion to approve and authorize the execution of the Redevelopment Agreement between the City of Belvidere and DFA Dairy Brands Ice Cream, LLC and to authorize the Mayor to execute a future amendment to the Redevelopment Agreement to provide additional funds for the project not to exceed additional TIF funds actually received from the Kishwaukee River Redevelopment Area.

REDEVELOPMENT AGREEMENT

THIS AGREEMENT is entered into this _____ day of _____, 2026 between DFA Dairy Brands Ice Cream, LLC, a Delaware limited liability company d/b/a Midwest Ice Cream (hereinafter, Owner) and the City of Belvidere, Illinois for the re-development of certain real property located within the City of Belvidere and more fully described herein.

RECITALS

WHEREAS, Owner owns certain real property lying within the City of Belvidere, Boone County, Illinois, and legally described in the attached Exhibit A (the Property); and

WHEREAS, the Property lies within a Tax Increment Finance District within the City of Belvidere (the City) which was created pursuant to the Tax Increment Reallocation Act and is commonly known as the Kishwaukee River Redevelopment Project Area (the District); and

WHEREAS, the Corporate Authorities of the City approved the District's Redevelopment Plan and Project as Ordinance 535 G and designated the District as Ordinance 536G on January 9, 2003; and

WHEREAS, the Owner operates an Ice Cream and dairy processing facility on the Property employing many individuals from the local area; and

WHEREAS, as a part of the Owner's operations, waste is created that requires additional pre-treatment prior to acceptance by the City's Waste Water Treatment Plant (WWTP) necessitating improvements to Owner's pre-treatment facilities; and

WHEREAS, the City desires to cooperate with the Owner to avoid an interruption of operations and employment; and

WHEREAS, the Corporate Authorities of the City find that assisting with funding the construction and improvement of the Property with additional pre-treatment facilities to manage Owner's waste is in the public interest; and

WHEREAS, Owner desires to redevelop and improve the Property by improving the pre-treatment facilities of the Property as identified in Exhibit B (the Improvements); and

WHEREAS, the Improvements are TIF reimbursement eligible under the Act and the City's ordinance adopting TIF financing.

NOW THEREFORE, in consideration of the foregoing Recitals, the mutual covenants and agreements contained herein and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

- 1) The foregoing Recitals are a material part of this Agreement and are incorporated herein as if fully set forth.
- 2) The City agrees to provide a grant of up to \$107,790.97 to the Owner for purposes of completing the redevelopment project work approved in Exhibit B (the Improvements) which is incorporated herein by this reference. The grant shall be paid on a reimbursement basis after submittal of lien waivers, as built plans and final approval by the City's Public Works and Buildings Departments.
- 3) The grant funds provided by the City shall only be used for the Improvements and for no other purpose. Approval of this Agreement and of the Improvements does not constitute approval of any required building permit or zoning relief. Owner understands and agrees that Owner must still apply for and receive all other appropriate permits and permissions necessary to construct and/or perform the Improvements.
- 4) Owner agrees to construct the Improvements as set forth in Exhibit B no later than December 1, 2026. If the Owner fails to complete the Improvements by December 1, 2026, this Agreement shall be null and void and the City shall have no obligation to fund any of the Improvements.
- 5) Owner further agrees, as additional consideration for this Agreement, to construct the Improvements and to maintain operations in the City of Belvidere at the Property for not less than five (5) years subsequent to the date of this Agreement. If Owner ceases operations during this period, Owner shall immediately repay to the City all grant funds provided under this Agreement plus 6% compound interest calculated from the date funds are disbursed by the City to Owner.
- 6) This Agreement may be enforced at law or in equity. Venue and jurisdiction of any cause of action arising out of or related to this Agreement shall be in the 17th Judicial Circuit Boone County Illinois and the parties hereby submit to the jurisdiction of that court. Owner agrees to pay the City's reasonable costs of enforcing this Agreement, including but not limited to its reasonable attorney's fees.
- 7) Owner agrees, during the term of this Agreement, not to sell, transfer or otherwise assign any interest in the Property to any unaffiliated third party without the City's prior written consent which shall not be unreasonably withheld.

- 8) This Agreement is only assignable with each party's express written consent, which consent shall not be unreasonably withheld, and any attempt to assign this Agreement by either party without the express written consent of the other shall be deemed null and void. Any attempt to assign this Agreement in violation hereof shall be deemed a material breach of the Agreement and grounds for immediate termination of the Agreement resulting in immediate repayment of all grant funds plus 6% compound interest calculated from the initial date of disbursement.
- 9) This Agreement supersedes all prior agreements, negotiations and understandings pertaining to or related to the subject of this Agreement and is a full integration of the entire agreement of the parties.
- 10) The parties agree that the City, through this Agreement, is simply providing a grant to Owner, and in no way shall become or be deemed a partner or joint venture of Owner with respect to the Property, the Improvements, or of Owner's business or occupation.
- 11) Owner agrees to indemnify, defend and hold harmless the City, its officials, officers and employees from any act or omission, claim, fines, fees or causes of action of any kind whatsoever to the extent arising from Owner's performance of, or failure to perform under, this Agreement, including but not limited to any claims for breach of contract, violation of state, federal or local laws (including but not limited to the Prevailing Wage Act), claims for property damage or injury or death to any persons.
- 12) If any provision, covenant, agreement or portion of this Agreement or its application to any person, entity or property is held invalid, such invalidity shall not affect the application or validity of any other provisions, covenants or portions of this agreement and to that end all provisions, covenants or portions of this Agreement are declared to be severable.
- 13) This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same Agreement.
- 14) This Agreement shall be governed by and construed in accordance with the internal laws of the State of Illinois, without regard to conflicts of law rules.
- 15) Each party hereby represents and warrants to the other party that the individual signing this Agreement on behalf of such party is fully authorized and empowered to sign this Agreement on its behalf, and that this Agreement will be fully binding on such party.
- 16) The effective date of this Agreement shall be _____.

Dated: _____.

By: The City of Belvidere

By: _____.
Mayor

Dated: _____.

By: DFA Dairy Brands Ice Cream, LLC

By: _____

Name: _____

Title: _____

<u>Phase</u>	<u>Description</u>	<u>Est. Capital Request Date</u>	<u>Est. Project Start Date</u>	<u>Est. Project Completion</u>	<u>Est. Project Cost</u>
I	<p>CIP 401 Recovery</p> <ul style="list-style-type: none"> - Capture first rinse of CIP System CS401 Capture HTST Interface Rinse Recovery - Flush rinse to tank 108 vs. drains. Raw to Batch Water Flush - Fresh water rinse tanks to batch tanks. Raw CS 301 & 302 Pre-rinse Waste Recovery - Capture first pre-rinse of raw lines and push to tank 108 	2026-Q2	2026-Q2	2026-Q4	\$350,000
II	<p>High strength calamity tank & offloading facility- (Option 1)</p> <p>*Dependent on ability to find facility to take comingled waste, if not will move to phase III and incorporate this at after the completion of Phase III</p>	2027-Q1	2027-Q1	2027-Q3	Waiting for Estimate and offloading options
III	<p>Process and Human Waste Separation 1 – Men’s Locker Room, Women’s Locker Room, and Cooler Locker Room. Direct connection to City sanitary sewer system. BOD discharge study.</p>	2027-Q1	2027-Q2	2027-Q3	\$256,800 est.
IV	<p>High strength calamity tank & offloading facility. (Option 2)</p> <p>*Same as Phase II above but would have to be moved here if we cannot find facility to take comingled waste.</p>	2027-Q2	2027-Q3	2027-Q4	Holding pending Phase II Decision
V	<p>Process and Human Waste Separation 2 – Front Office. Human waste to go through existing sump and process waste moved to separate sump and pumped through existing plant lines.</p>	2027-Q3	2027-Q3	2027-Q4	Will get estimates as we get closer

Memo

To: Mayor and City Council
From: Jordan Keck, Assistant Director of Public Works
Date: 5/19/2026
Re: 2026 Mowing Program

The following proposal was received for the mowing of Water Department properties, Public Works properties and the Farmington Ponds:

JSV Landscaping LLC	Water:	\$455.00 per mowing
7137 Dewane Rd	Public Works:	\$2,931.20 per mowing
Belvidere, IL 61008	Ponds:	\$723.52 per mowing

Based on review of the proposal, I would recommend the following:

Approval of the proposal from JSV Landscaping LLC, in the amount of \$455.00 per mowing, for the mowing of Water Department Sites. This work will be paid from Water Department Line Item #61-5-810-6040.

2025: \$87.00 per mowing
2024: \$600.00 per mowing
2023: \$470.00 per mowing

Approval of the proposal from JSV Landscaping LLC, in the amount of \$2,931.20 per mowing, for the mowing of the Public Works Sites. This work will be paid from Street Department Line Item #01-5-310-6002.

2025: \$568.40 per mowing
2024: \$900.00 per mowing
2023: \$850.00 per mowing

Approval of the proposal from JSV Landscaping LLC, in the amount of \$723.52 per mowing, for the Farmington Ponds. This work will be paid from the Farmington Pond Maintenance Fund.

2025: \$316.54 per mowing
2024: \$410.00 per mowing
2023: \$250.00 per mowing

Memo

To: Mayor and City Council
From: Brent Anderson, Director of Public Works
Date: 5/19/2026
Re: Logan Avenue Water Main Replacement Project – Bid Tabulation

The following bids were opened today for the Logan Avenue Water Main Replacement Project:

- | | |
|--|--------------|
| 1. DPI Construction, Inc
630 Main Street
Pecatonica, Illinois 61063 | \$389,459.78 |
| 2. Curran Contracting Company
286 Memorial Court
Crystal Lake, IL 60014 | \$412,000.00 |
| 3. Northern Illinois Service Company
4781 Sandy Hollow Road
Rockford, IL 61109 | \$418,501.00 |

This project will replace an 8" watermain in Logan Avenue from Prospect Street to Business Route 20 that is deteriorating with several main breaks in the last few years. The Engineer's estimate for this project was \$409,316.00.

I would recommend approval of the low bid from DPI Construction, in the amount of \$389,459.78, for the Logan Avenue Water Main Replacement Project. This work will be paid for from the Water Depreciation Account, Line Item #61-1780. The current balance in this account is \$1,898,767.46

Memo

To: Mayor and City Council
From: Brent Anderson, Director of Public Works
Date: 5/20/2026
Re: Sanitary Sewer Manhole Adjustment Phase 3 - Bid Tabulation

The following bids were opened today for the Phase 3 Sanitary Sewer Manhole Adjustment Project:

- | | |
|--|--------------|
| 1. Curran Contracting Company
286 Memorial Court
Crystal Lake, IL 60014 | \$245,000.00 |
| 2. DPI Construction, Inc
630 Main Street
Pecatonica, IL 61063 | \$250,884.00 |
| 3. Stenstrom Excavation & Blacktop Group
2422 Center Street
Rockford, IL 61108 | \$266,471.00 |

The budget includes \$300,000 for this work.

I would recommend approval of the low bid from Curran Contracting., in the amount of \$245,000.00, for the Phase 3 Sanitary Sewer Manhole Adjustment Project. This work will be paid for from Capital Funds.

Memo

To: Mayor and City Council
From: Jordan Keck, Assistant Director of Public Works
Date: 5/20/2026
Re: WWTP Thickening Centrifuge Repair

One of our two Centrisys thickening centrifuges at the WWTP needs to be repaired. The cost estimate from Centrisys to make the repairs to the THK200 Rotating Assembly is \$45,241.00.

I would recommend approval of the proposal from Centrisys for factory repairs to the thickening centrifuge at the WWTP at a cost not-to-exceed \$45,241.00. This work will be paid for from the Sewer Depreciation Account #61-1790.

A motion to waive the bidding process will be required as the cost for the repairs exceeds \$20,000.



Repair Inspection Report and Quote

Customer:	Belvidere	Centrifuge Mfr.	Centrisys
Street	2001 Newburg Road	Model No.	THK 200
City State Zip	Belvidere, IL 61008	Serial No.	
Contact:	Tony DiVito	Rotodiff Model No.	1071 S CY LU2
Office Phone:	773-457-3494	Rotodiff Serial No.	140443M01
Cell Phone:	815-544-2072	Hydraulic Pump Model No.	
E-Mail:	tdivito@mechinc.com	Hydraulic Pump Serial No.	
CC:		Job No.	14762-01,02
Date:	5-6-2026	P.O. No.	
Description: THK 200 rotating assembly and 1071 rotodiff.			
Scope: Inspect and repair			






ESTIMATE






<i>Repair of Rotating Assembly</i>	<i>\$ 33,090.00</i>
<i>Repair of Rotodiff/Gearbox</i>	<i>\$ 13,800.00</i>
<i>Shipping</i>	<i>\$ 1,500.00</i>
<i>Site Service on 4/23/2026</i>	<i>\$ 1,851.00</i>
<i>One Time Customer Courtesy Credit</i>	<i>-\$5,000.00</i>
<i>TOTAL</i>	<i>\$ 45,241.00</i>


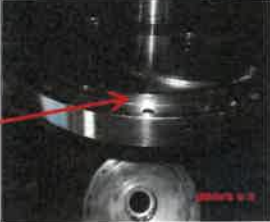



TERMS







<i>Terms</i>	<i>Net 30</i>
<i>Delivery</i>	<i>3 to 4 weeks ARO</i>
<i>FOB:</i>	<i>Kenosha, WI</i>
<i>Warranty</i>	<i>6 months on repaired/replaced parts</i>





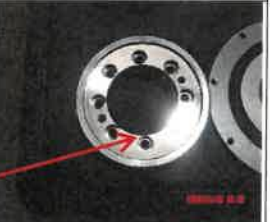
Quote valid for 30 days. Centrisys reserves the right to adjust this estimate.


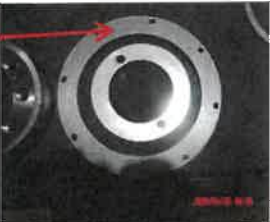





	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
	Bowl	Balance <input checked="" type="checkbox"/> Replace all bearings & seals <input checked="" type="checkbox"/>	Balance <input type="checkbox"/> Replace all bearings & seals <input type="checkbox"/>		
1.	Bowl Center Section Inner Surface No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Restore to specification <input type="checkbox"/> Blast for cleanup <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Wear bead <input type="checkbox"/> Replace ___ ceramic tiles <input type="checkbox"/> Weld repair <input type="checkbox"/>	No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Blast for cleanup <input type="checkbox"/> Repair <input type="checkbox"/> Wear bead <input type="checkbox"/> Replace ___ ceramic tiles <input type="checkbox"/> Weld repair <input type="checkbox"/>		
2.	Bowl Center Section Outer Surface No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Baffle groove damage <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Restore to specification <input type="checkbox"/> Blast for cleanup <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Weld repair <input type="checkbox"/>	No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Blast for cleanup <input type="checkbox"/> Repair <input type="checkbox"/> Weld repair <input type="checkbox"/>		
3.	Bowl Center Section Wear Strips No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Missing <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Replace ___ strips <input type="checkbox"/> Weld repair <input checked="" type="checkbox"/> Add strips <input type="checkbox"/>	No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace ___ strips <input type="checkbox"/> Weld repair <input type="checkbox"/> Add strips <input type="checkbox"/>		
4.	S/E Headwall Discharge Nozzles No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Missing <input type="checkbox"/> Broken <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Repair ___ nozzles <input type="checkbox"/> Replace ___ nozzle holders <input type="checkbox"/>	No action <input type="checkbox"/> Rotate ___ nozzles <input type="checkbox"/> Repair ___ nozzles <input type="checkbox"/> Replace ___ nozzle holders <input type="checkbox"/>		
5.	Solid End Headwall External Fits No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair <input type="checkbox"/>	No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair <input type="checkbox"/>		






	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
6.	Solid End Headwall Housing Seal Ring #34733 No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Repair Machine Replace	<input type="checkbox"/> No action necessary <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Machine <input type="checkbox"/> Replace		
7.	Solid End Headwall Housing Seal Ring Fits (External) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Restore to specification Machine Chrome and grind Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair		
8.	Solid End Headwall Laminar Ring Grooves Good condition <input checked="" type="checkbox"/> Damaged / Worn <input type="checkbox"/>	No action necessary Install Repair Ring #32855	<input checked="" type="checkbox"/> No action necessary <input type="checkbox"/> Repair		
9.	Solid End Headwall Main Bearing Fit No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/> Corrosion found <input type="checkbox"/>	No action necessary Restore to specification Machine Chrome and grind Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair		
10.	Solid End Headwall Pulley/Carrier Fits (external) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Restore to specification Machine Chrome and grind Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair		







	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
11.	Solid End Pulley/Carrier Laminar Ring Grooves Good condition <input checked="" type="checkbox"/> Damaged / Worn <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Install Repair Ring #32855 <input type="checkbox"/>	No action necessary <input type="checkbox"/> Repair <input type="checkbox"/>		
12.	Solid End Headwall- Internal Fits No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input checked="" type="checkbox"/> Weld repair <input type="checkbox"/> Replace Headwall <input type="checkbox"/>	No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair <input type="checkbox"/> Replace Headwall <input type="checkbox"/>		
13.	Solid End Headwall- Needle Bearing Fit No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/> Corrosion found <input type="checkbox"/> Needle Bearing Failed <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input checked="" type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace Headwall <input type="checkbox"/>	No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace Headwall <input type="checkbox"/>		
14.	S/E Headwall A/C Seal Fit Condition No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input checked="" type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace Headwall <input type="checkbox"/>	No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace Headwall <input type="checkbox"/>		
15.	Solid End Headwall Needle Bearing / Inner Race Retaining Plate No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary <input checked="" type="checkbox"/> Machine <input type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace <input checked="" type="checkbox"/>	No action necessary <input type="checkbox"/> Machine <input type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace <input type="checkbox"/>		







	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
16.	Liquid End Headwall Fits (External) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Restore to specification Machine Chrome and grind Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair		
17.	L/E Headwall Discharge Nozzles No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Repair Replace ___ nozzles	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace ___ nozzles		
18.	Liquid End Headwall Housing Seal Ring #34733 No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Repair Machine Replace	<input type="checkbox"/> No action necessary <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Machine <input type="checkbox"/> Replace		
19.	Liquid End Headwall Housing Seal Ring Fits (External) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Restore to specification Machine Chrome and grind Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair		
20.	Liquid End Headwall Laminar Ring Grooves Good condition <input checked="" type="checkbox"/> Damaged / Worn <input type="checkbox"/>	No action necessary Install Repair Ring #32812	<input checked="" type="checkbox"/> No action necessary <input type="checkbox"/> Repair		
21.	Liquid End Headwall Main Bearing Fit (External) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/> Corrosion found <input type="checkbox"/>	No action necessary Restore to specification Machine Chrome and grind Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair		





	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
22.	LEHW Liquid End Main Bearing Retaining Ring #22724 No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Repair Machine Replace	<input checked="" type="checkbox"/> No action necessary <input type="checkbox"/> Repair <input type="checkbox"/> Machine <input type="checkbox"/> Replace		
23.	Liquid End Headwall Fits (Internal) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Restore to specification Machine Chrome and grind Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair		
24.	Liquid End Headwall Thrust Bearing Fit (Internal) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Restore to specification Machine Chrome and grind Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair <input type="checkbox"/> Replace		
25.	Liquid End Headwall Thrust Bearing Retainer Fits No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Restore to specification Machine Chrome and grind Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair		
26.	Liquid End Thrust Bearing Retainer/ ACBB Retaining Plate # 19927 No damage <input type="checkbox"/> Normal wear <input type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input checked="" type="checkbox"/> Damaged <input type="checkbox"/> Missing <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Repair Replace Weld repair	<input type="checkbox"/> No action <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Replace <input type="checkbox"/> Weld repair	Worn on seal surface.	







	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
27.	L.E. Thrust Bearing / A.C. Seal Housing #34743 No damage Normal wear Minor wear Severe wear Runout Undersized (Dimensional) Oversized (Dimensional)	No action necessary Restore to specification <input type="checkbox"/> Machine <input checked="" type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair <input type="checkbox"/> Replace	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair <input type="checkbox"/> Replace		
28.	L/E Internal ACBB Seal Retainer (#15) #36925 No damage Normal wear Minor wear Severe wear Damaged	No action Repair <input type="checkbox"/> Replace	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace		
29.	Liquid End Headwall Mechanical Seal Fit No damage Normal wear Minor wear Severe wear Runout Undersized (Dimensional) Oversized (Dimensional)	No action necessary Restore to specification <input type="checkbox"/> Machine <input checked="" type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Machine <input type="checkbox"/> Chrome and grind <input type="checkbox"/> Weld repair		
30.	Scroll	Balance Replace all bearings & seals Coarse media blast	<input checked="" type="checkbox"/> Balance <input checked="" type="checkbox"/> Replace all bearings & seals <input type="checkbox"/> Coarse media blast		
31.	Scroll Flights No damage Normal wear Minor wear Severe wear Broken Missing	No action necessary Flights damaged Weld repair flights Add ___gussets <input checked="" type="checkbox"/> Repair/Add wear protection Blast for cleanup	<input type="checkbox"/> No action <input type="checkbox"/> Weld repair flights <input checked="" type="checkbox"/> Add ___gussets <input type="checkbox"/> Repair/Add wear protection <input type="checkbox"/> Blast for cleanup		
32.	Scroll Tungsten Carbide Hard Facing No damage Normal wear Minor wear Severe wear Broken Missing	No action necessary Repair TC Hard facing Flights damaged <input checked="" type="checkbox"/> Weld repair flights	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair TC Hard facing <input type="checkbox"/> Weld repair flights		
33.	Scroll Feed Nozzles No damage Normal wear Minor wear Severe wear Broken/Cracked Missing	No action necessary <input type="checkbox"/> Repair ___ feed nozzles <input checked="" type="checkbox"/> Rotate ___ feed nozzles <input type="checkbox"/> Replace ___ feed nozzles	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair ___ feed nozzles <input type="checkbox"/> Rotate ___ feed nozzles <input type="checkbox"/> Replace ___ feed nozzles		






	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic	
34.	Scroll Feed Chamber No damage Normal wear Minor wear Severe wear Solids build up	<input type="checkbox"/> No action necessary <input type="checkbox"/> Clean <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Weld and grind repair <input type="checkbox"/> Replace Tiles <input type="checkbox"/> Repair Wear Protection <input type="checkbox"/> Blast for cleanup	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Clean <input type="checkbox"/> Repair <input type="checkbox"/> Weld and grind repair <input type="checkbox"/> Replace Tiles <input type="checkbox"/> Repair Wear Protection <input type="checkbox"/> Blast for cleanup	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
35.	LE Scroll Mount Bolt Pattern Not Modified Modified 8 Bolt Pattern 10 Bolt Pattern	<input type="checkbox"/> No action necessary <input type="checkbox"/> Machine <input type="checkbox"/> Replace	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Machine <input type="checkbox"/> Replace	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
36.	Scroll Liquid End Thrust Bearing Fits (Internal) No damage Normal wear Minor wear Severe wear Damaged Runout Undersized (Dimensional) Oversized (Dimensional) Corrosion found	<input type="checkbox"/> No action necessary <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Machine and sleeve	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input type="checkbox"/> Machine and sleeve	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
37.	SE Scroll Mount Ring / Impellor Plate Fit to Scroll No damage Normal wear Minor wear Severe wear Damaged Runout Undersized (Dimensional) Oversized (Dimensional) Corrosion found	<input type="checkbox"/> No action necessary <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Machine and sleeve <input type="checkbox"/> Polish	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input type="checkbox"/> Machine and sleeve <input type="checkbox"/> Polish	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
38.	SE Scroll Mount Ring / Impellor Plate Only #34727 No damage Normal wear Minor wear Severe wear Damaged	<input type="checkbox"/> No action necessary <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Machine and sleeve <input checked="" type="checkbox"/> Polish	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input type="checkbox"/> Machine and sleeve <input type="checkbox"/> Polish	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
39.	SE Scroll Mount Ring/ Impellor Plate Complete Assy #34898 No damage <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Damaged <input type="checkbox"/>	No action Repair for use on job Repair for 34898-R Assy Weld repair	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair for use on job <input type="checkbox"/> Repair for 34898-R Assy <input type="checkbox"/> Weld repair		
40.	Scroll Mounting Ring AC Seal Update No damage <input checked="" type="checkbox"/> Updated <input checked="" type="checkbox"/>	No action necessary Updated	<input checked="" type="checkbox"/> No action necessary <input type="checkbox"/> Updated		
41.	SE Scroll Mounting Ring AC Seal Holder/ Housing #36897 Seal Surface Condition No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Damaged <input type="checkbox"/>	No action necessary Restore to specification Repair Machine and sleeve Polish	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input type="checkbox"/> Machine and sleeve <input type="checkbox"/> Polish		
42.	Scroll Mounting Ring Needle Bearing Fit No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Machine Weld repair Polish Replace	<input checked="" type="checkbox"/> No action necessary <input type="checkbox"/> Machine <input type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace		
43.	Scroll Mounting Ring Transition Flights No damage <input type="checkbox"/> Normal wear <input type="checkbox"/> Minor wear <input checked="" type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Machine Weld repair Polish Replace	<input type="checkbox"/> No action necessary <input type="checkbox"/> Machine <input checked="" type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace		
44.	Scroll Mounting Ring Plow Blade Condition No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Replace	<input checked="" type="checkbox"/> No action necessary <input type="checkbox"/> Replace		

	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic	
45.	Scroll Mounting Ring Wear Scraper No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Replace Repair	<input checked="" type="checkbox"/> No action necessary <input type="checkbox"/> Replace <input type="checkbox"/> Repair	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
46.	SE Scroll Mounting Ring Spline Socket Fit No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Machine Weld repair Polish Replace	<input checked="" type="checkbox"/> No action necessary <input type="checkbox"/> Machine <input type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
47.	SE Air Diffusion Plate No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Machine Weld repair Polish Replace	<input checked="" type="checkbox"/> No action necessary <input type="checkbox"/> Machine <input type="checkbox"/> Weld repair <input type="checkbox"/> Polish <input type="checkbox"/> Replace	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
48.	SE Spline Socket Cap Airlines No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Replace	<input type="checkbox"/> No action necessary <input checked="" type="checkbox"/> Replace	<input type="checkbox"/> <input type="checkbox"/>		
49.	Pulley/Carrier No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Damaged <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/> Corrosion found <input type="checkbox"/>	No action necessary Restore to specification Repair Machine and sleeve Replace Paint	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input type="checkbox"/> Machine and sleeve <input type="checkbox"/> Replace <input type="checkbox"/> Paint	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
50.	Solid End Pillow Block No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Damaged <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/> Corrosion found <input type="checkbox"/>	No action necessary Restore to specification Repair Machine and sleeve Replace Paint	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input type="checkbox"/> Machine and sleeve <input type="checkbox"/> Replace <input type="checkbox"/> Paint	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
51.	Main Bearing Cover Plate Outer (SE) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Broken <input type="checkbox"/> Missing <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Repair <input type="checkbox"/> Replace <input type="checkbox"/> Weld repair <input checked="" type="checkbox"/> Paint <input type="checkbox"/>	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> Weld repair <input type="checkbox"/> Paint		
52.	Main Bearing Cover Plate Inner (SE) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Broken <input type="checkbox"/> Missing <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Repair <input type="checkbox"/> Replace <input type="checkbox"/> Weld repair <input checked="" type="checkbox"/> Paint <input type="checkbox"/>	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> Weld repair <input type="checkbox"/> Paint		
53.	Liquid End Pillow Block No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Damaged <input type="checkbox"/> Runout <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/> Corrosion found <input type="checkbox"/>	No action necessary Restore to specification <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Machine and sleeve <input type="checkbox"/> Replace <input type="checkbox"/> Paint <input type="checkbox"/>	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Restore to specification <input type="checkbox"/> Repair <input type="checkbox"/> Machine and sleeve <input type="checkbox"/> Replace <input type="checkbox"/> Paint		
54.	Main Bearing Cover Plate Outer (LE) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Broken <input type="checkbox"/> Missing <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/> #14936 <input type="checkbox"/> #43291 <input type="checkbox"/>	No action necessary Repair <input type="checkbox"/> Replace <input type="checkbox"/> Weld repair <input checked="" type="checkbox"/> Paint <input type="checkbox"/> Update to # _____ <input type="checkbox"/>	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> Weld repair <input type="checkbox"/> Paint <input type="checkbox"/> Update to # _____		

	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
55.	Main Bearing Cover Plate Inner (LE) No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Broken <input type="checkbox"/> Missing <input type="checkbox"/> Undersized (Dimensional) <input type="checkbox"/> Oversized (Dimensional) <input type="checkbox"/>	No action necessary Repair Replace Weld repair Paint	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> Weld repair <input type="checkbox"/> Paint		
56.	Spline Shaft No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Repair Replace	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace		
57.	Feed Pipe Bracket & Flange No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/> Missing <input type="checkbox"/>	No action necessary Repair Replace Weld repair Paint	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace <input type="checkbox"/> Weld repair <input type="checkbox"/> Paint		
58.	Rotodiff Leak test passed <input type="checkbox"/> Leak test failed <input type="checkbox"/> Contamination <input type="checkbox"/> Metal flakes in oil <input type="checkbox"/> Normal wear <input type="checkbox"/> Minor wear <input checked="" type="checkbox"/> Severe wear <input type="checkbox"/> Sensors and Bracket sent <input type="checkbox"/> Oil Sample sent for analysis <input type="checkbox"/>	No action necessary Leak & pressure tested Dismantle and clean Bearings & seals replaced Replace ___ proximity sensors Replace ___ sensor brackets Paint	<input type="checkbox"/> No action <input checked="" type="checkbox"/> Leak & pressure tested <input checked="" type="checkbox"/> Bearings & seals replaced <input checked="" type="checkbox"/> Replace ___ proximity sensors <input type="checkbox"/> Replace ___ sensor brackets <input type="checkbox"/> Paint		
59.	Rotodiff Sealing Rings No damage <input type="checkbox"/> Normal wear <input type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input checked="" type="checkbox"/>	No action necessary Replace	<input type="checkbox"/> No action <input checked="" type="checkbox"/> Replace		
60.	Rotodiff Cam No damage <input type="checkbox"/> Normal wear <input checked="" type="checkbox"/> Minor wear <input type="checkbox"/> Severe wear <input type="checkbox"/>	No action necessary Recondition Replace	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Recondition <input type="checkbox"/> Replace		

	Item/Condition	Recommended Action	Action	Notes	Picture Control & scroll to enlarge pic
61.	Rotodiff Rotor No damage Normal wear Minor wear Severe wear	No action necessary <input type="checkbox"/> Lap to clean up <input checked="" type="checkbox"/> Replace ___ pistons <input type="checkbox"/> Replace ___ rollers <input type="checkbox"/> Replace entire rotor	<input type="checkbox"/> No action <input checked="" type="checkbox"/> Lap to clean up <input type="checkbox"/> Replace ___ pistons <input type="checkbox"/> Replace ___ rollers <input type="checkbox"/> Replace entire rotor		
62.	Rotodiff Distributor No damage Normal wear Minor wear Severe wear	No action necessary <input type="checkbox"/> Lap to clean up <input checked="" type="checkbox"/> Recondition <input type="checkbox"/> Replace	<input type="checkbox"/> No action <input checked="" type="checkbox"/> Lap to clean up <input type="checkbox"/> Recondition <input type="checkbox"/> Replace		
63.	Rotodiff Stationary Shaft No damage Normal wear Minor wear Severe wear	No action necessary <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Replace	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace		
64.	Rotodiff Air tube No damage Normal wear Minor wear Severe wear	No action necessary <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Replace	<input checked="" type="checkbox"/> No action <input type="checkbox"/> Repair <input type="checkbox"/> Replace		
65.	Rotodiff Air seal No damage Normal wear Minor wear Severe wear	No action necessary <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Replace	<input type="checkbox"/> No action <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Replace		
66.	<p>NOTE: Very high operating temperature, pressure and especially contamination will adversely affect Rotodiff life expectancy. In severe conditions, increase oil change and filter interval to 2500-3000hrs. When oil filter vase has metallic particles in it and plugs frequently, DO NOT continue to run Rotodiff. Send Rotodiff in for inspection! Recommended Rotodiff inspection intervals are 15000 hours under normal operating conditions. If a badly worn Rotodiff is continuously run despite a plugged filter, a catastrophic failure can result and parts of the Rotodiff can be drawn in by the pump unit or plug up the suction strainer, if equipped, and cause the pump to fail as well. ALWAYS CLEAN THE TANK, REPLACE ALL FILTERS AND STRAINERS AND FLUSH THE HOSES WITH CLEAN OIL BEFORE STARTING THE UNIT AFTER A REPAIRED OR NEW ROTODIFF IS INSTALLED. THEN REPLACE FILTER AGAIN AFTER 200 HOURS.</p>				