



City of Ketchum

September 19, 2022

Mayor Bradshaw and City Councilors
City of Ketchum
Ketchum, Idaho

Mayor Bradshaw and City Councilors:

Recommendation to Approve Purchase Order 23004 With Thatcher Company, Inc for Aluminum Sulfate

Recommendation and Summary

Staff is recommending the council approve Purchase Order 23004 and adopt the following motion:

"I move to approve Purchase Order 23004 with Thatcher Company, Inc for the purchase of Aluminum Sulfate to be used at the wastewater treatment plant for the approximate amount of \$35,000.00."

The reasons for the recommendation are as follows:

- Aluminum Sulfate is used in the wastewater treatment process to promote coagulation and phosphorous removal.
- Addition of Aluminum Sulfate in the treatment process is necessary to comply with the phosphorous discharge limit required in our discharge permit.

Introduction and History

Phosphorous is one of the constituents in wastewater that needs to be removed for the protection of the environment. Aluminum Sulfate added during the treatment process reacts with phosphorous to create particles which bind together. The particles precipitate out of the wastewater and are removed as a solid. Without the addition of Aluminum Sulfate, the unbound phosphorous would remain suspended in the water and be discharged into the river causing water quality problems.

Sustainability

This purchase is not applicable to the Ketchum Sustainability Action Plan.

Financial Impact

This is a budgeted expense with funds coming from the Chemicals line item of Wastewater Expenditures. Aluminum Sulfate is delivered by tanker trucks carrying approximately 4,000 gallons per delivery. Each delivery costs about \$6,500.00. This purchase order will be for the approximately six months' supply of Alum.

Attachments:

Purchase Order #23004



CITY OF KETCHUM
PO BOX 2315 * 191 5TH ST. * KETCHUM, ID 83340
Administration 208-726-3841 (fax) 208-726-8234

PURCHASE ORDER
 BUDGETED ITEM? ___ Yes ___ No

PURCHASE ORDER - NUMBER: 23004

To: 4098 THATCHER COMPANY, INC. PO BOX 35146 LB 1106 SEATTLE WA 98124-5146	Ship to: CITY OF KETCHUM PO BOX 2315 KETCHUM ID 83340
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P. O. Date	Created By	Requested By	Department	Req Number	Terms
09/13/2022	bancona	bancona	Utilities/Wastewater	0	

Quantity	Description			Unit Price	Total
1.00	ALUMINUM SULFATE	65-4350-3800	435001	35,000.00	35,000.00
				SHIPPING & HANDLING	0.00
				TOTAL PO AMOUNT	35,000.00

 Authorized Signature