



St. Johns River Water Management District

Ann B. Shortelle, Ph.D., Executive Director

4049 Reid Street • P.O. Box 1429 • Palatka, FL 32178-1429 • 386-329-4500
On the internet at www.sjrwmd.com.

DATE: December 18, 2019
TO: Prospective Respondents
FROM: Pam Paulk, Contracts Administrator
SUBJECT: Addendum #2 to Invitation for Bids 35281 Refurbish Marsh Flow-Way Pump Station (5 Pumps)

As a result inquiries from the Pre-Bid meeting held on December 17, 2019, the following clarifications/changes are provided for your information. Please make all appropriate changes to your solicitation documents. Note: changes are reflected with original language shown with strike-through and new language is underlined.

MODIFICATIONS:

1. The deadline to submit questions for this bid shall be by **5:00 PM on December 26, 2019** so an addendum can be prepared and issued on December 27th, 2019.
2. There will be no painting requirements for the walking surfaces. Therefore, delete all language regarding the painting of walking surfaces.
3. Section 8 Minimum Qualifications, first sentence shall be modified as follows:

Respondent must use the "Qualification" forms (General, and Similar Projects, ~~and Client References~~) provided in these documents to document the minimum qualifications listed below. Failure to include these forms with the Bid may be considered non-responsive.

QUESTIONS AND ANSWERS

- Q.1. Does the District have a Cut Sheet on the existing pumps?
A.1. All information available on the pumps is in the plans already provided in Exhibits 1 and 2.
- Q.2. Does the District have a pump curve of the design?
A.2. Please see attached Exhibit 4 to Attachment A, Statement of Work, Axial Flow Pump Curve

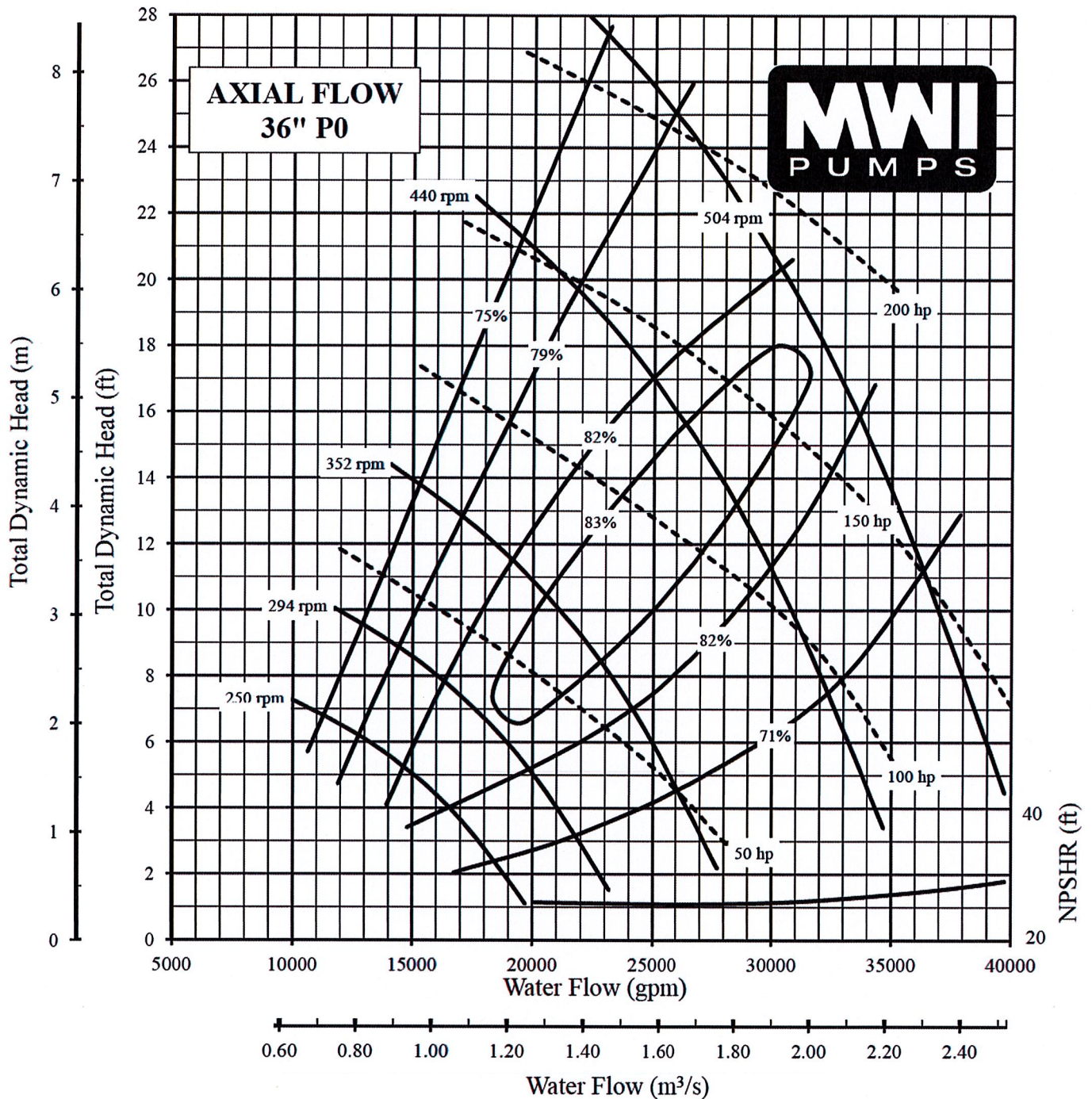
INFORMATION:

1. The Contractor shall determine the type and size of crane necessary to complete this project.
2. Ranch Road shall be the primary entrance and egress for heavy equipment.
3. Pump curve testing is required by the District every time a pump is placed back in service.
4. Attached is a copy of the Non-Mandatory Pre-bid Meeting Sign-In Sheet.
5. The District's Offices will be closed Dec. 24, 25, and 31, 2019 and Jan. 1, 2020.

6. The Pre-Bid Meeting in the office was digitally audio taped and was uploaded onto Demandstar.com. The audio file may be titled IFB 35281 Pre-Bid Meeting Audio 12-17-19 and it is an .MP3 audio file. Should you not have access to Demandstar.com and desire to listen to the Pre-Bid Meeting Audio file, please submit your request via e-mail to Pam Paulk.

NOTE: The Bid Opening remains the same January 6, 2020, at 2:00 PM, EST.
Please acknowledge receipt of this Addendum on the BID FORM provided in the bid package.
If you have any questions, please call me at (386) 329-4469 or e-mail ppaulk@sjrwm.com.

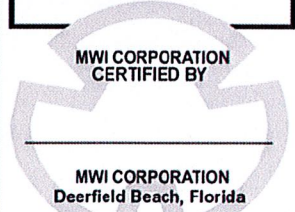
EXHIBIT 4



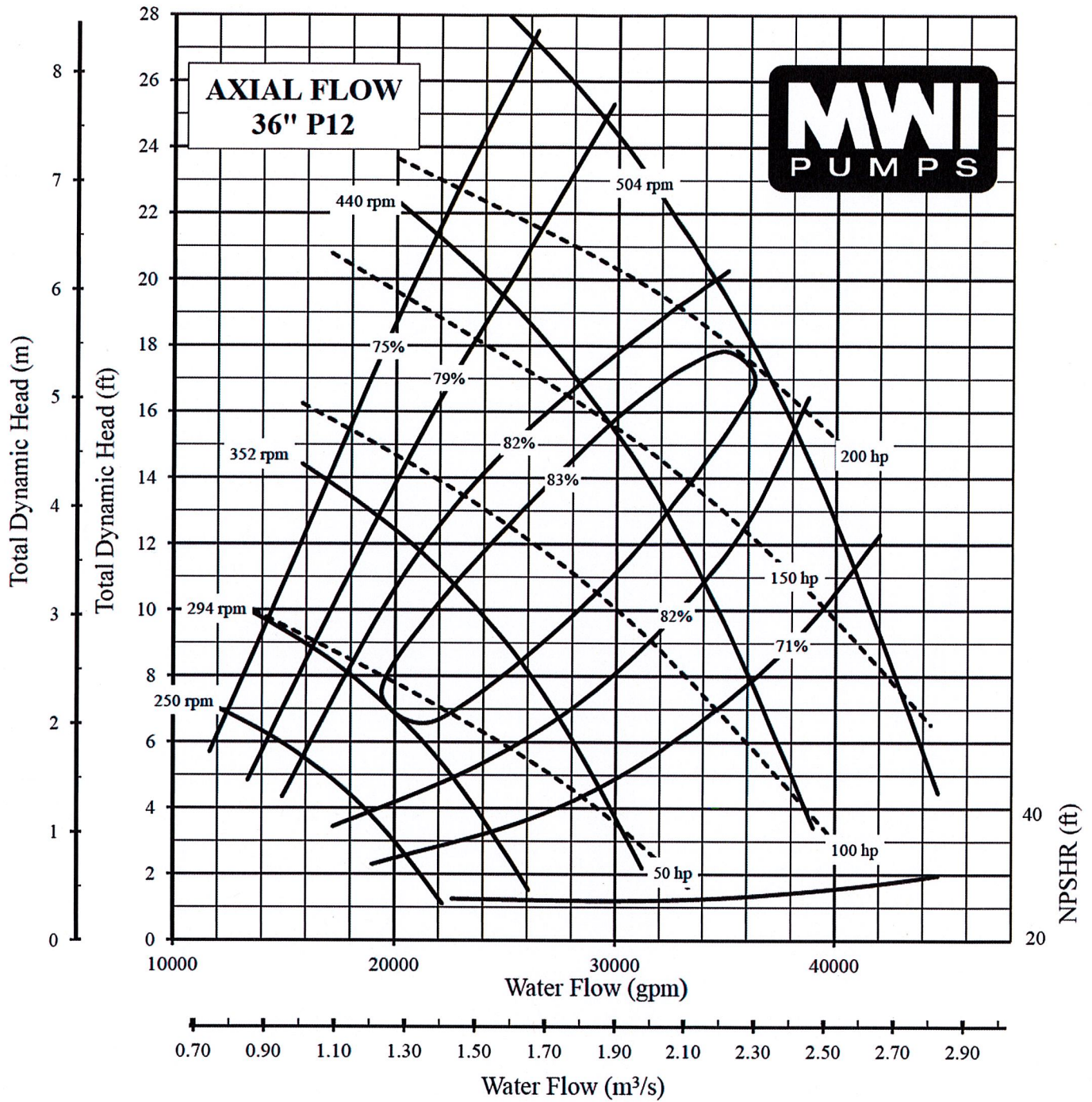
| PUMP BOWL PERFORMANCE CURVE | |
|---|-----------------------------------|
| TYPE: AXIAL FLOW | PROPELLER DIA: 36" |
| MODEL NO: NC336P0 | SPEED: As Noted |
| INTAKE DIA: 54" | DISCHARGE COLUMN DIA: 36" |
| CURVE NO.: VS336P0A | Ns: 9600 CODE: 0.50 |
| SINGLE STAGE PERFORMANCE FOR TWO STAGES MULTIPLY HEAD AND HORSEPOWER BY 2.0 AND EFFICIENCY BY 1.0 PERFORMANCE IS BASED ON PUMPING CLEAR, NON-AERATED WATER, WITH A SPECIFIC GRAVITY OF 1.0, TEMPERATURE 85 °F OR LESS AND AT SEA LEVEL. PUMP PERFORMANCE MAY BE AFFECTED BY HIGHER TEMPERATURES, SPECIFIC GRAVITY, ALTITUDES AND SUMP CONDITIONS | |

IT IS HEREBY CERTIFIED THAT THIS CURVE REPRESENTS THE TRUE PERFORMANCE CHARACTERISTICS OF THE MWI PUMP MODEL SHOWN AND WAS OBTAINED BY SCALE MODEL TEST AND CALCULATIONS IN ACCORDANCE WITH STANDARDS OF THE HYDRAULIC INSTITUTE.

MWI CORPORATION
CERTIFIED BY



MWI CORPORATION
Deerfield Beach, Florida

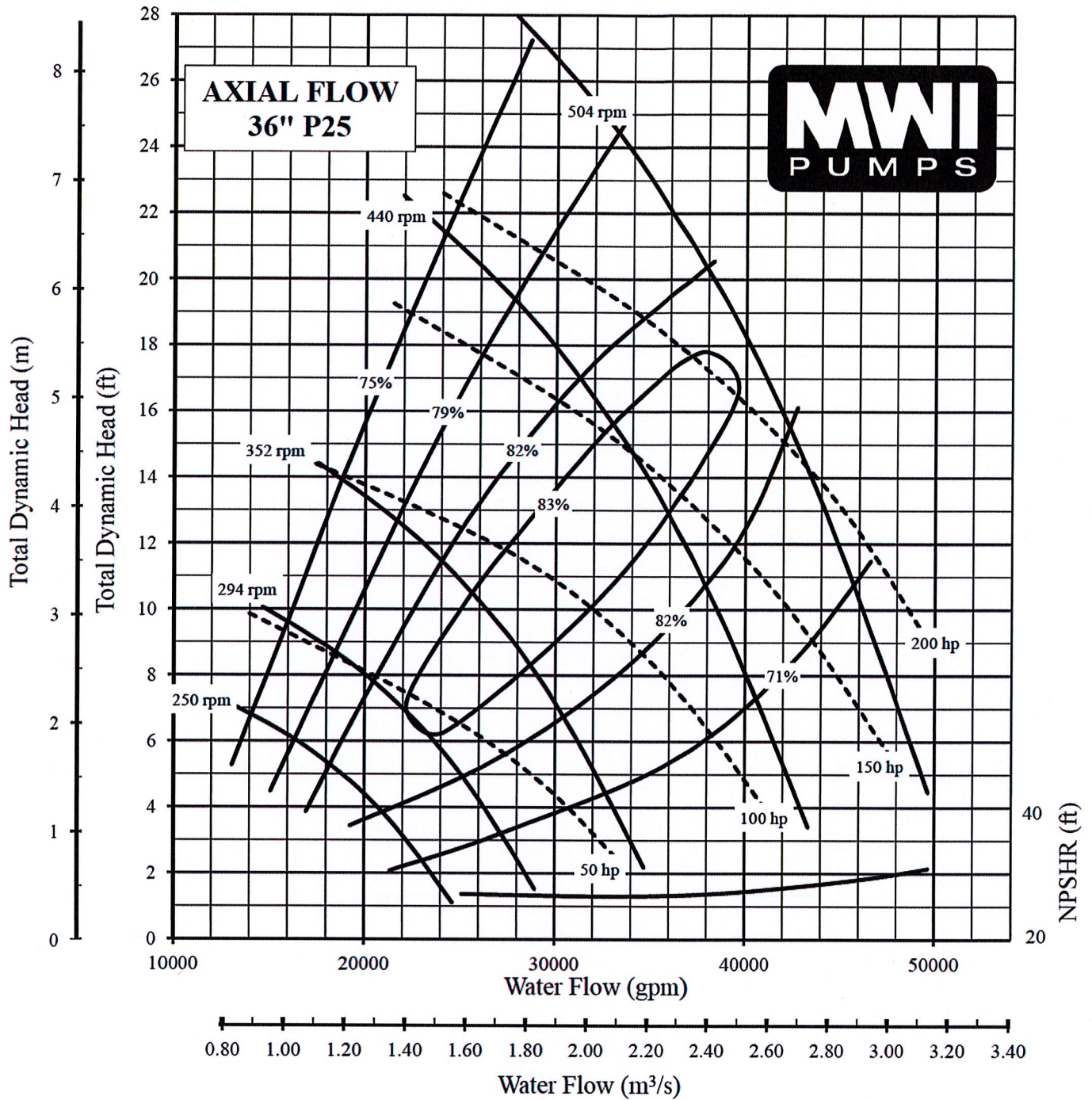


| PUMP BOWL PERFORMANCE CURVE | |
|--|---------------------------|
| TYPE: AXIAL FLOW | PROPELLER DIA: 36" |
| MODEL NO: NC336P12 | SPEED: As Noted |
| INTAKE DIA: 54" | DISCHARGE COLUMN DIA: 36" |
| CURVE NO.: VS336P12A | Ns: 10200 CODE: 0.50 |
| SINGLE STAGE PERFORMANCE | |
| FOR TWO STAGES MULTIPLY HEAD AND HORSEPOWER BY 2.0 AND EFFICIENCY BY 1.0 | |
| PERFORMANCE IS BASED ON PUMPING CLEAR, NON-AERATED WATER, WITH A SPECIFIC GRAVITY OF 1.0, TEMPERATURE 85 °F OR LESS AND AT SEA LEVEL. PUMP PERFORMANCE MAY BE AFFECTED BY HIGHER TEMPERATURES, SPECIFIC GRAVITY, ALTITUDES AND SUMP CONDITIONS | |

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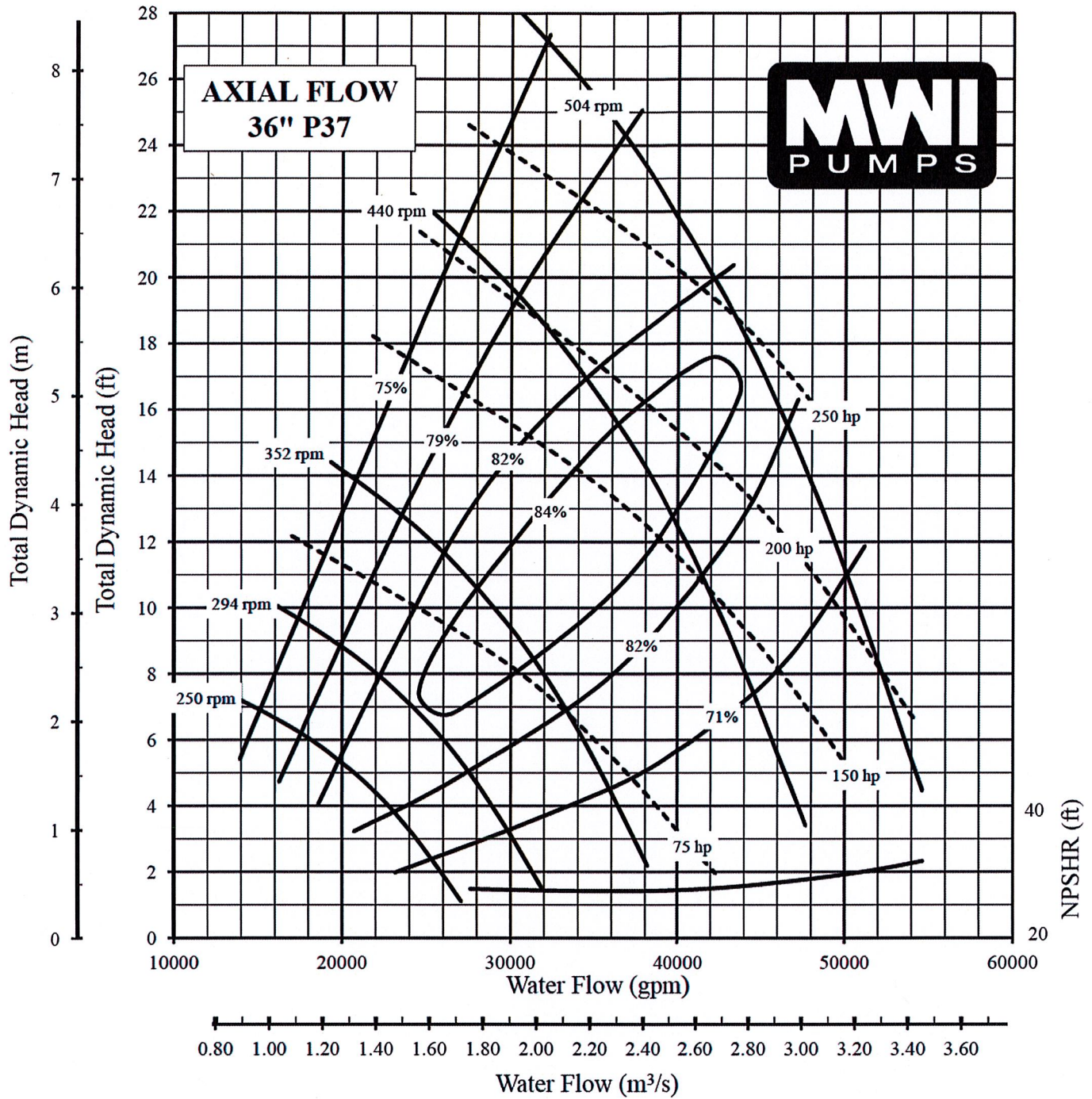


| PUMP BOWL PERFORMANCE CURVE | |
|--|---------------------------|
| TYPE: AXIAL FLOW | PROPELLER DIA: 36" |
| MODEL NO: NC336P25 | SPEED: As Noted |
| INTAKE DIA: 54" | DISCHARGE COLUMN DIA: 36" |
| CURVE NO.: VS336P25A | Ns: 10900 CODE: 0.50 |
| SINGLE STAGE PERFORMANCE FOR TWO STAGES MULTIPLY HEAD AND HORSEPOWER BY 2.0 AND EFFICIENCY BY 1.0 PERFORMANCE IS BASED ON PUMPING CLEAR, NON-AERATED WATER, WITH A SPECIFIC GRAVITY OF 1.0, TEMPERATURE 85 °F OR LESS AND AT SEA LEVEL. PUMP PERFORMANCE MAY BE AFFECTED BY HIGHER TEMPERATURES, SPECIFIC GRAVITY, ALTITUDES AND SUMP CONDITIONS | |

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| PUMP BOWL PERFORMANCE CURVE | |
|--|---------------------------|
| TYPE: AXIAL FLOW | PROPELLER DIA: 36" |
| MODEL NO: NC336P37 | SPEED: As Noted |
| INTAKE DIA: 54" | DISCHARGE COLUMN DIA: 36" |
| CURVE NO.: VS336P37A | Ns: 11300 CODE: 0.50 |
| SINGLE STAGE PERFORMANCE FOR TWO STAGES MULTIPLY HEAD AND HORSEPOWER BY 2.0 AND EFFICIENCY BY 1.0 PERFORMANCE IS BASED ON PUMPING CLEAR, NON-AERATED WATER, WITH A SPECIFIC GRAVITY OF 1.0, TEMPERATURE 85 °F OR LESS AND AT SEA LEVEL. PUMP PERFORMANCE MAY BE AFFECTED BY HIGHER TEMPERATURES, SPECIFIC GRAVITY, ALTITUDES AND SUMP CONDITIONS | |

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