

Monthly Report

McKinney Aquatics & Fitness Center

McKinney, Texas

Issued Date: 01/19/2016



The only thing better than recognizing a quality product is building one.

Monthly Report

McKinney Aquatics & Fitness Center

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CONSTRUCTION STATUS

January 19, 2016 Construction Status

Site Work & Utilities

- Lime stabilization is complete.
- Balance of fire lane paving and parking continues.

Landscape & Hardscape

- NA.

Concrete & CMU Structure

- Grade beams are complete.
- 2nd Level slab on grade is complete.
- 2nd Level elevated deck is complete.
- CMU walls at the pool mechanical room are complete.
- CMU walls at the Natatorium have begun.

Steel Erection

- Steel erection has begun in area B.

Building Envelope

- Below grade waterproofing is complete.

Doors/Frames/Hardware

- HM frames have been installed at the pool mechanical rooms.

Drywall Partitions and Ceilings

- NA

Interior Finishes

- NA

Elevators

- NA

Pools

- The completion pool structure is complete.
- The leisure pool structure is complete.
- The pool piping around the pools is being installed and tested.
- Backfilling around the pool structures continues.

Mechanical / Plumbing / Fire Protection

- Mechanical and plumbing sleeves and anchors are being installed in the concrete decks.
- Plumbing piping around the pools is being installed and tested.

Electrical / Fire Alarm

- Electrical sleeves and anchors are being installed in the concrete decks.
- Electrical raceways and boxes are being installed in the CMU walls.

Audio Visual / Tele/Data / Security

- Rough in boxes and conduit for low voltage is being installed in the CMU walls.



DESIGN & OWNER COORDINATION ITEMS

January, 19 2016 - Design & Owner Coordination Items

Site Work & Utilities

- NA

Landscape & Hardscape

- NA

Concrete Structure

- NA

Steel Erection

- Steel structure preconstruction was held with the design team and testing lab.

Building Envelope

- Composite exterior mockup will be complete in the next few weeks for final review/approval of materials.

Doors/Frames/Hardware

- Hardware coordination meeting was held with the Architect and owner.
- A keying meeting will need to be held with the owner to finalize keying for the project.

Drywall Partitions and Ceilings

- NA

Interior Finishes

- Interior finish samples are being submitted for review/approval by the design team and owner.

Elevators

- NA.

Pools

- MCC is awaiting final design of the additional slides to complete pricing.

Mechanical / Plumbing / Fire Protection

- Final fire protection drawings are being reviewed by the City.
- A decision on the routing for the fire protection piping over the exterior canopies is needed.

Electrical / Lighting Control / Fire Alarm

- Light fixture shop drawings are being submitted for review/approval.
- Final design for the lighting controls is needed to complete shop drawings and provide rough-in requirements for the electrician.

Audio Visual / Tele/Data / Security

- Final review of security hardware was reviewed with the owner.
- A coordination meeting with the City's IT department and design team is needed to confirm security scope of work.



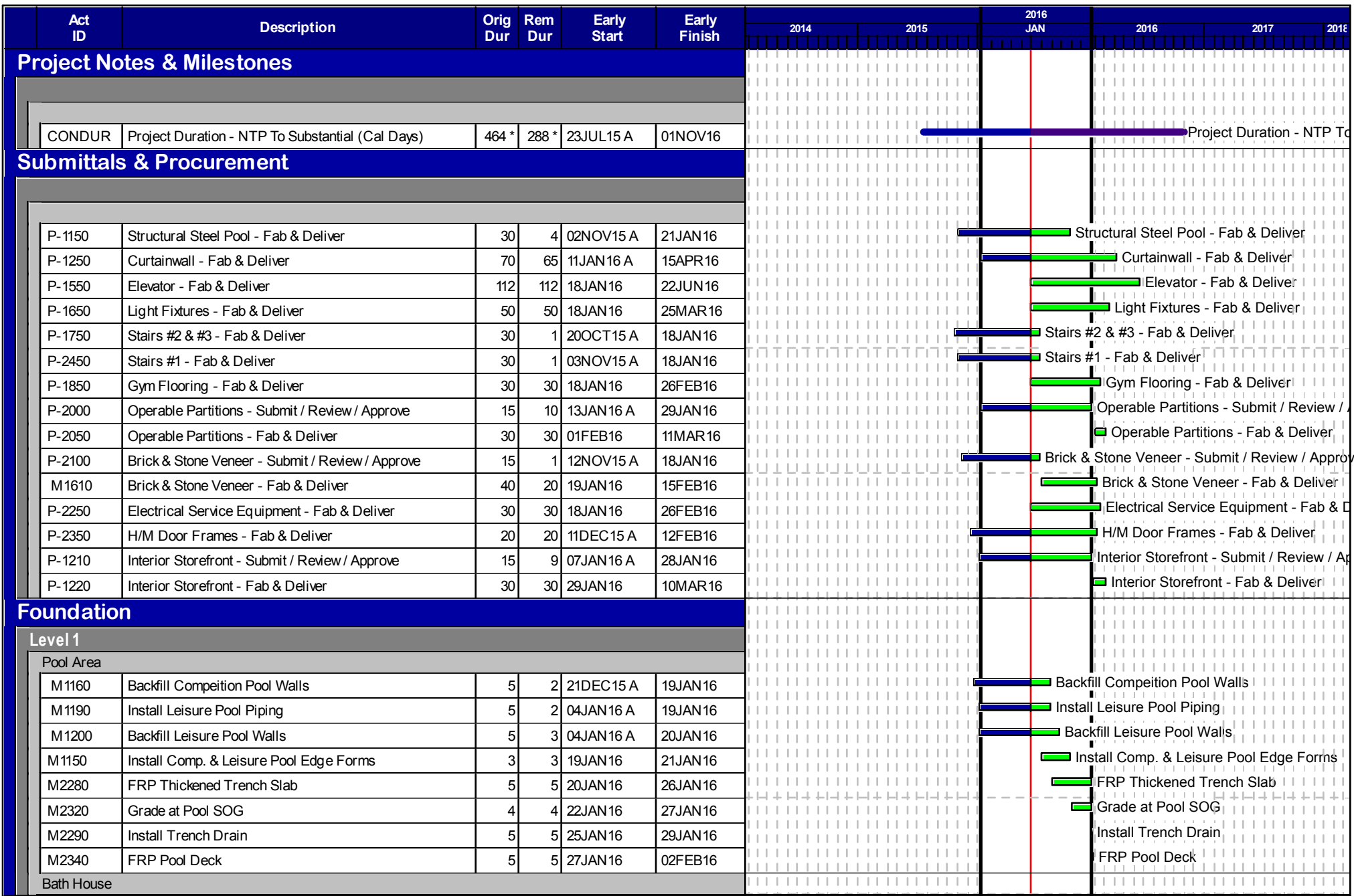
SUBCONTRACTOR STATUS LOG

McKinney Aquatics & Fitness Center - Contractor Award Log

| Bid Package: | Scope of Work: | Awarded Contractor: | Award Notice: |
|--------------|-----------------------------------|-------------------------------------|---------------|
| 2 | Concrete | Kent Companies | 1 |
| 3 | Masonry | Skinner Masonry | 3 |
| 4 | Steel | Basden Steel | 2 |
| 5 | Specialty Metals | Viva Railings, LLC | 3 |
| 6 | Structural Carpentry | RM Rodgers, Inc. | 4 |
| 7 | Finish Carpentry | Lundy Services, LLC | 2 |
| 8 | Waterproofing | Chamberlin Waterproofing | 3 |
| 9 | Metal Louvers | OGI Architectural Metal | 3 |
| 10 | Roofing | Paragon Roofing | 3 |
| 11 | Spray Fireproofing | NA | NA |
| 12 | Doors & Hardware | Performance Door and Hardware | 3 |
| 13 | Overhead Doors | Overhead Door Co. of Dallas | 3 |
| 14 | Glass | DGB Glass, Inc. | 2 |
| 15 | Plaster & Stucco | NA | NA |
| 16 | Drywall | Drywall Interiors, LP | 2 |
| 17 | Tile | Alamo Tile & Stone | 3 |
| 18 | Wood Floor | Ponder Company, Inc. | 3 |
| 19 | Carpet & Resilient Flooring | Fabulous Floors, Inc. | 3 |
| 20 | Painting | Carrco Painting | 3 |
| 21 | Misc. Specialties | Spectrum Resources, LTD | 4 |
| 22 | Signs | ASI Signage Inovations | 4 |
| 23 | Lockers | Hollman, Inc. | 4 |
| 24 | Site Furnishings | InPro Fabrications | 4 |
| 25 | Folding Operable Partitions | Modernfold, Inc. | 3 |
| 26 | Appliances | PIRCH, Inc. | 4 |
| 27 | Athletic Equipment | John F. Clark Company | 3 |
| 28 | Window Treatments | AEC Corporation | 3 |
| 29 | Aquatic Pools, Slides & Equipment | Sunbelt Pools | 1 |
| 30 | Elevators | Thyssen Krupp Elevator Systems | 2 |
| 31 | Fire Sprinkler | Fire-Tech Protection Systems | 2 |
| 32 | Mechanical Plumbing & HVAC | Humphrey & Associates | 1 |
| 33 | Electrical | Petri Electric | 1 |
| 34 | Tele Data Comm | Lantek Communications | 4 |
| 35 | Security / CCTV | Securadyne Systems | 3 |
| 36 | Audio Visual | AVI/SPL | 4 |
| 37 | Earthwork | RPMx Construction, LLC | 1 |
| 38 | Pavement Markings | Stripe A Zone, Inc. | 4 |
| 39 | Fences & Gates | The Anchor Group, Inc. | 4 |
| 40 | Modular Retaining Wall | Texas - ERW Site Solutions | 4 |
| 41 | Landscape & Irrigation | SOI Group, Inc. | 5 |
| 43 | Site Utilities | Maverick Utility Construction, Inc. | 1 |



SCHEDULE SUMMARY



| | |
|---------------------------|---------|
| Start date | 29JAN14 |
| Finish date | 30NOV16 |
| Data date | 18JAN16 |
| Run date | 19JAN16 |
| Page number | 1A |
| © Primavera Systems, Inc. | |

-  Early bar
-  Progress bar
-  Critical bar
-  Summary bar
-  Start milestone point
-  Finish milestone point









MAF5

McKinney Aquatics & Fitness Center
McKinney, Texas
MCC Project #3666



| Act ID | Description | Orig Dur | Rem Dur | Early Start | Early Finish | 2016 | | | | | | | | | | | |
|--------------------------------------|---------------------------------------|----------|---------|-------------|--------------|---------------------------------------|--|--|------|--|--|-----|--|--|------|--|--|
| | | | | | | 2014 | | | 2015 | | | JAN | | | 2016 | | |
| M1570 | FRP Slab on Grade | 3 | 7 | 18JAN16 A | 26JAN16 | FRP Slab on Grad | | | | | | | | | | | |
| Building Structure | | | | | | | | | | | | | | | | | |
| Level 1 | | | | | | | | | | | | | | | | | |
| Pool Area | | | | | | | | | | | | | | | | | |
| M1260 | Install CMU Along Grid Line 5 @ AB-AC | 10 | 5 | 11JAN16 A | 22JAN16 | Install CMU Along Grid Line 5 @ AB-AC | | | | | | | | | | | |
| M1285 | FRP Elevated Deck @ Pool Mech. Rm. | 5 | 6 | 15JAN16 A | 25JAN16 | FRP Elevated Deck @ Pool Mech. Rm. | | | | | | | | | | | |
| M1290 | Install CMU - Level 2&3 - Mech Space | 7 | 7 | 27JAN16 | 04FEB16 | Install CMU - Level 2&3 - Mech Space | | | | | | | | | | | |
| Level 3 | | | | | | | | | | | | | | | | | |
| Gym Area | | | | | | | | | | | | | | | | | |
| M1320 | Erect Structural Steel | 30 | 22 | 06JAN16 A | 16FEB16 | Erect Structural Steel | | | | | | | | | | | |
| Interior Finish Out | | | | | | | | | | | | | | | | | |
| Level 1 | | | | | | | | | | | | | | | | | |
| Pool Area | | | | | | | | | | | | | | | | | |
| M1600 | CMU Walls @ Pool Mech. Rm. | 5 | 5 | 08FEB16 | 12FEB16 | CMU Walls @ Pool Mech. Rm. | | | | | | | | | | | |
| Entry Area | | | | | | | | | | | | | | | | | |
| M1610 | CMU Walls & Door Frames | 30 | 30 | 02FEB16 | 14MAR16 | CMU Walls & Door Frames | | | | | | | | | | | |
| M1710 | MEP In Wall Rough In | 30 | 30 | 03FEB16 | 15MAR16 | MEP In Wall Rough In | | | | | | | | | | | |
| Parking Areas & Landscape | | | | | | | | | | | | | | | | | |
| Pavement | | | | | | | | | | | | | | | | | |
| M2220 | Fire Lane Paving - Pour 7 | 1 | 2 | 15JAN16 A | 19JAN16 | Fire Lane Paving - Pour 7 | | | | | | | | | | | |
| M2270 | Deceleration & Turn-in Lane @ Alma | 10 | 10 | 18JAN16 A | 29JAN16 | Deceleration & Turn-in Lane @ Alma | | | | | | | | | | | |
| M2240 | Fire Lane Paving - Pour 8 | 1 | 1 | 22JAN16 | 22JAN16 | Fire Lane Paving - Pour 8 | | | | | | | | | | | |
| M2260 | Fire Lane Paving - Pour 9 | 1 | 1 | 29JAN16 | 29JAN16 | Fire Lane Paving - Pour 9 | | | | | | | | | | | |

Start date 29JAN14
 Finish date 30NOV16
 Data date 18JAN16
 Run date 19JAN16
 Page number 2A
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-  Early bar
-  Progress bar
-  Critical bar
-  Summary bar
-  Start milestone point
-  Finish milestone point



MAF5

McKinney Aquatics & Fitness Center
 McKinney, Texas
 MCC Project #3666





BUDGET & CASH FLOW

SINE CURVE PROJECTION

Analysis Date: 01/19/16
Duration (Months): 18
Total Amount (\$): \$30,251,359
Sine Curve Option: 4

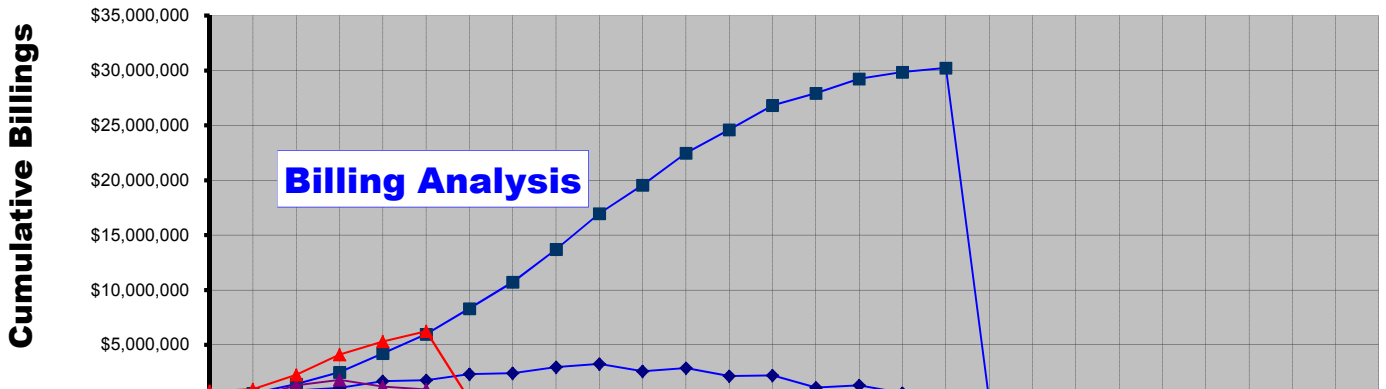
BILLING SINE CURVE OPTIONS

- Curve 1 = Project with a Fast Start
- Curve 2 = Project with a Moderately Quick Start
- Curve 3 = Project with a Typical Sine Curve
- Curve 4 = Project with a Moderately Slow Start
- Curve 5 = Project with a Very Slow Start
- Curve 6 = Project with a Straightline Billing Structure

= Calculated cell (no input required)

| SINE PROJECTIONS | | | ACTUALS | | | DELTA |
|------------------|-------------------------------|------------------------|------------------|--------------------|------------------------|-------------|
| Month Number | Estimated Current Application | Cumulative Application | Date of Payments | Actual Application | Cumulative Application | Variance |
| 1 | \$ 272,262 | \$ 272,262 | 08/28/15 | \$ 779,309 | \$ 779,309 | \$507,047 |
| 2 | \$ 317,639 | \$ 589,902 | 10/13/15 | \$ 191,191 | \$ 970,500 | \$380,598 |
| 3 | \$ 847,038 | \$ 1,436,940 | 10/30/15 | \$ 1,321,243 | \$ 2,291,743 | \$854,803 |
| 4 | \$ 1,089,049 | \$ 2,525,988 | 11/13/15 | \$ 1,816,694 | \$ 4,108,437 | \$1,582,448 |
| 5 | \$ 1,694,076 | \$ 4,220,065 | 12/18/15 | \$ 1,189,211 | \$ 5,297,648 | \$1,077,583 |
| 6 | \$ 1,769,705 | \$ 5,989,769 | | \$ 950,923 | \$ 6,248,571 | \$258,802 |
| 7 | \$ 2,329,355 | \$ 8,319,124 | | | | |
| 8 | \$ 2,420,109 | \$ 10,739,232 | | | | |
| 9 | \$ 2,964,633 | \$ 13,703,866 | | | | |
| 10 | \$ 3,267,147 | \$ 16,971,012 | | | | |
| 11 | \$ 2,601,617 | \$ 19,572,629 | | | | |
| 12 | \$ 2,904,130 | \$ 22,476,760 | | | | |
| 13 | \$ 2,147,846 | \$ 24,624,606 | | | | |
| 14 | \$ 2,214,399 | \$ 26,839,006 | | | | |
| 15 | \$ 1,107,200 | \$ 27,946,205 | | | | |
| 16 | \$ 1,306,859 | \$ 29,253,064 | | | | |
| 17 | \$ 620,153 | \$ 29,873,217 | | | | |
| 18 | \$ 378,142 | \$ 30,251,359 | | | | |

Current Variance 258,802





WEATHER

McKinney Aquatics and Fitness Center

3003 Alma Road
McKinney, TX 75070

Tel: Fax:

Manhattan Construction Company

Project # 3666

| Date | Temperature | | | Precip | Cumulative Precipitation | Lost Workday | Conditions |
|------------|-------------|--------|------|--------|-----------------------------|-----------------|------------------------------|
| | Low | Median | High | | | | |
| 12/1/2015 | 36 | | 50 | 0.97 | 27.41 | | Clear |
| 12/2/2015 | 33 | | 57 | 0.97 | 28.38 | | Clear, Windy(25 mph) |
| 12/3/2015 | 33 | | 59 | 0.00 | 28.38 | | Clear |
| 12/4/2015 | 33 | | 58 | 0.00 | 28.38 | | Clear |
| 12/5/2015 | 34 | | 58 | 0.00 | 28.38 | | Clear |
| 12/6/2015 | 38 | | 64 | 0.00 | 28.38 | | Clear |
| 12/7/2015 | 35 | | 66 | 0.00 | 28.38 | | Clear |
| 12/8/2015 | 39 | | 70 | 0.00 | 28.38 | | Clear, Windy(27 mph) |
| 12/9/2015 | 41 | | 71 | 0.00 | 28.38 | | Clear |
| 12/10/2015 | 43 | | 72 | 0.00 | 28.38 | | Clear, Windy(28 mph) |
| 12/11/2015 | 42 | | 76 | 0.00 | 28.38 | | Clear, Windy(30 mph) |
| 12/12/2015 | 66 | | 73 | 0.12 | 28.50 | | Windy(35 mph), Overcast |
| 12/13/2015 | 51 | | 70 | 1.68 | 30.18 | | Windy(38 mph), Partly Cloudy |
| 12/14/2015 | 45 | | 67 | 0.00 | 30.18 | Y | Clear, Windy(28 mph) |
| 12/15/2015 | 46 | | 67 | 0.00 | 30.18 | | Windy(28 mph), Partly Cloudy |
| 12/16/2015 | 37 | | 57 | 0.00 | 30.18 | | Partly Cloudy, Windy(24 mph) |
| 12/17/2015 | 30 | | 57 | 0.00 | 30.18 | | Clear, Windy(30 mph) |
| 12/18/2015 | 29 | | 51 | 0.00 | 30.18 | | Clear, Windy(24 mph) |
| 12/19/2015 | 32 | | 60 | 0.00 | 30.18 | | Clear, Windy(27 mph) |
| 12/20/2015 | 46 | | 62 | 0.00 | 30.18 | | Overcast, Windy(30 mph) |
| 12/21/2015 | 42 | | 69 | 0.00 | 30.18 | | Clear, Windy(23 mph) |
| 12/22/2015 | 36 | | 71 | 0.00 | 30.18 | | Clear, Windy(27 mph) |
| 12/23/2015 | 49 | | 73 | 0.00 | 30.18 | | Clear, Windy(33 mph) |
| 12/24/2015 | 45 | | 73 | 2.93 | 33.11 | | Clear, Windy(21 mph) |
| 12/25/2015 | 43 | | 72 | 0.00 | 33.11 | | Clear, Windy(20 mph) |
| 12/26/2015 | 53 | | 77 | 1.21 | 34.32 | Y | Cloudy, Windy(38 mph), Storm |
| 12/27/2015 | 41 | | 53 | 2.93 | 37.25 | | Cloudy, Windy(43 mph), Storm |
| 12/28/2015 | 32 | | 42 | 0.41 | 37.66 | Y | Cloudy, Windy(35 mph) |
| 12/29/2015 | 30 | | 44 | 0.00 | 37.66 | Y | Clear |
| 12/30/2015 | 34 | | 52 | 0.00 | 37.66 | | Clear |
| 12/31/2015 | 31 | | 51 | 0.00 | 37.66 | | Clear |



PHOTOGRAPHS



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Building excellence.



Aquatic & Fitness Center

Print #160104734

Date: 01/04/16

Lat/Lon: 33.172764 -96.714439

Order No. 59827



Aerial Photography, Inc. 954 568 0484



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Lat/Lon: 33.172764 -96.714439

Order No. 59827



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