Weaver
CONSTRUCTION MANAGEMENT
3679 S Huron Street, Suite 404 Englewood, Colorado 80110
Phone: (303) 789-4111 FAX: (303) 789-4310

SUBMITTAL TRANSMITAL

July 3, 2012
Submittal #: 13121-003.A

PROJECT: **Harold Thompson Regional WRF**
Birdsall Rd.
Fountain, CO 80817
Job No. 2908

ENGINEER: **GMS, Inc.**
611 No. Weber St., #300
Colorado Springs, CO 80903
719-475-2935 Roger Sams

OWNER: **Lower Fountain Metropolitan Sewage Disposal District**
901 S. Santa Fe Ave.
Fountain, CO 80817
719-382-5303 James Heckman

CONTRACTOR: **Lefever Building Systems**
19089 E Ithaca Dr.
Aurora, CO 80013
970-210-7424 Scott Yarmer

SUBJECT: Response to review comments for the Pumping and Disinfection Metal Building, Roof System, Textureclad Wall Panels, and Liner Panels dated 6/5/12.

Note: "WCM will send primer spec to Applewood Painting for review of compatibility with finish coat".

SPEC SECTION: 13121

PREVIOUS SUBMISSION DATES: 4/16/12

DEVIATIONS FROM SPEC: ___ YES _x_ NO

CONTRACTOR'S STAMP: This submittal has been reviewed by Weaver Construction Management and, unless indicated otherwise, has been found to be in conformance with the intent of the contract documents.

Contractor's Stamp:	Engineer's Stamp:
Date: 7/3/12 Reviewed by: John Jacob ( ) Reviewed Without Comments (X) Reviewed With Comments	

ENGINEER'S COMMENTS:_____
_____
_____

LEFEVER BUILDING SYSTEMS

SCOTT YARMER

Office: 970-210-7424
Fax: 720-228-6400
Mobile: 970-210-7424

scott@lefeverbuilding.com · www.lefeverbuilding.com

19089 E Ithaca Dr · Aurora, Colorado 80013

Subject: HD Thompson Pumping and Disinfection Building,
GMS Submittal letter dated 6/5/12

John,
Here are my comments on the items from this letter..
#2 Revised For construction Anchor Rod plan is scheduled to mail out 7-20-12
#3 Primer Spec is attached
#4 Lowest clear height is 17'-2 7/16"
#5 This was taken care of earlier
#6 This was taken care of earlier
#7 No comment
#8 The seal information will need to be provided by the door company
#9 Vp is using the info that was returned in the submittals L1-L5= 52"x52", and L6 and L7 = 24"x24"
#10 No comment
#11We acknowledged that we have received the information on the louvers
#12We have reviewed and changed
#13No reason from VP on the door, we need to provide them where we want the door to be placed. See answer to #9, louver sizes were changed. We will clarify the trim colors
#14 Building colors were verified, sand, coca, and cool colonial red
#15 No comment
Section under revise resubmit
1.c. per the data provided it has a 40' lift
2.b.1. Confirmed
2.b.2. No comment
2.c. already provided
2.d.1-3 already provided
2.d.4 Yes
2.d.5 We will match colors on this building, not sure of colors on existing buildings
2.d.6 VP will coordinate this once they get to that stage of clarification, we will make sure we have the 4" overlap
2.d.7 Vp shows a submitted rough opening of 4'-10"
2.d.8 Acknowledged

Scott Yarmer
Lefever Building Systems

valspar

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:	**AXA0796**
Product Name:	DURASPAR 140 GRAY RUST INHIBITIVE PRIMER
Product Use:	Paint or Coatings Related Product
Print date:	29/Aug/2008
Revision Date:	26/Aug/2008

Company Identification
The Valspar Corporation
1101 Third Street South
Minneapolis, MN 55415

Manufacturer's Phone:	1-612-332-7371
24-Hour Medical Emergency Phone:	1-888-345-5732

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:
Inhalation
Ingestion
Skin absorption

Eye Contact:

- Moderate eye irritation

Skin Contact:

- May cause defatting of the skin.
- Harmful if absorbed through skin.

Ingestion:

- Irritation of the mouth, throat, and stomach.
- Harmful if swallowed.
- Aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation:

- Causes respiratory tract irritation.
- Harmful by inhalation.
- Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough.

Target Organ and Other Health Effects:

- Kidney injury may occur.
- Spleen damage may occur.
- Causes headache, drowsiness or other effects to the central nervous system.
- Liver injury may occur.
- Contains glycol ether which has been shown to cause blood effects damage in laboratory animals.

This product contains ingredients that may contribute to the following potential chronic health effects:

- Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Carcinogens:

- Possible cancer hazard. Contains material which may cause cancer based on animal data.
- Cancer hazard. Contains material which can cause cancer.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
PROPRIETARY INERT	15 - 20	PROPRIETARY INERT
NAPHTHA 64742-89-8	10 - 15	SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPH
EXEMPT MINERAL SPIRITS 8052-41-3	5 - 10	Stoddard solvent
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY 64742-82-1	5 - 10	Naphtha, petroleum, hydrodesulfurized heavy
MINERAL SPIRITS 64742-47-8	5 - 10	Petroleum distillates, hydrotreated light
NAPHTHA 64742-48-9	5 - 10	Naphtha, petroleum, hydrotreated heavy
TITANIUM DIOXIDE 13463-67-7	5 - 10	Titanium dioxide
TALC 14807-96-6	1 - 5	TALC (MG3H2(SI03)4)
ISOBUTYL ALCOHOL 78-83-1	1 - 5	Isobutyl alcohol
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	2-Butoxyethanol
XYLENE 1330-20-7	1 - 5	Xylenes (o-, m-, p- isomers)
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	1 - 5	Propylene glycol monomethyl ether
C.I. PIGMENT BLACK 7 1333-86-4	.1 - 1	Carbon black
ETHYLBENZENE 100-41-4	.1 - 1	Ethyl benzene

If this section is blank there are no hazardous components per OSHA guidelines.

4. FIRST AID MEASURES

Eye Contact:
Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water. Remove any contact lenses and open eyes wide apart.

Skin Contact:
Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

Ingestion:
Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately.

Inhalation:
Move injured person into fresh air and keep person calm under observation. Get medical attention immediately. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration.

Medical conditions aggravated by exposure:
Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	70°F (21°C)
Lower explosive limit:	1 %
Upper explosive limit:	11 %
Autoignition temperature:	not determined -°F (°C)
Sensitivity to impact:	no
Sensitivity to static discharge:	Subject to static discharge hazards. Please see bonding and grounding information in Section 7.
Hazardous combustion products:	See Section 10.

Unusual fire and explosion hazards:
Contaminated rags, wipes, saw dust, etc., may catch fire spontaneously. Store waste under water in closed metal containers or in approved self-closing containers designed to prevent spontaneous combustion until disposed of in compliance with applicable regulations. Oxidizing Material

Extinguishing media:
Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:
Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:
Ventilate the area. Avoid breathing dust or vapor. Use self-containing breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 7, "Handling and Storage", for proper container and storage procedures. Remove all sources of ignition. Soak up with inert absorbent material. Use only non-sparking tools. Avoid contact with eyes.

7. HANDLING AND STORAGE

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
Keep away from heat, sparks and open flame. - No smoking. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 section 22. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned. If the product is used near or above the flashpoint, an ignition hazard may be present. Activities, uses, or operations which liberate vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:
Chemical goggles, also wear a face shield if splashing hazard exists.

Skin protection:
Appropriate chemical resistant gloves should be worn.

Other Personel Protection Data:
Ensure that eyewash stations and safety showers are close to the workstation location. To prevent skin contact wear protective clothing covering all exposed areas.

Respiratory protection:
Wear appropriate, properly fitted respirator (NIOSH approved) during spray application or in other situation where mists may be generated unless air monitoring vapor mist levels are below applicable limits-- where applicable limits have been established. When respirators are used, follow respirator manufacturers directions for use.

Ventilation
Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Use explosion-proof electrical/ventilating/lighting/equipment.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
PROPRIETARY INERT	15 - 20	5 mg/m³ Respirable fraction. 15 mg/m³ Total dust.		
EXEMPT MINERAL SPIRITS 8052-41-3	5 - 10	2900 mg/m³ 500 ppm		
TITANIUM DIOXIDE 13463-67-7	5 - 10	15 mg/m³ Total dust.		
TALC 14807-96-6	1 - 5	Respirable. Listed. Total dust. Listed.		
ISOBUTYL ALCOHOL 78-83-1	1 - 5	300 mg/m³ 100 ppm		
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	240 mg/m³ 50 ppm		Can be absorbed through the skin.
XYLENE 1330-20-7	1 - 5	435 mg/m³ 100 ppm		
C.I. PIGMENT BLACK 7 1333-86-4	.1 - 1	3.5 mg/m³		

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
ETHYLBENZENE 100-41-4	.1 - 1	435 mg/m³ 100 ppm		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
PROPRIETARY INERT	15 - 20	10 mg/m³ The value is for particulate matter containing no asbestos and <1% crystalline silica.			
EXEMPT MINERAL SPIRITS 8052-41-3	5 - 10	100 ppm			
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY 64742-82-1	5 - 10	100 ppm			
TITANIUM DIOXIDE 13463-67-7	5 - 10	10 mg/m³			
TALC 14807-96-6	1 - 5	2 mg/m³ Respirable fraction. The value is for particulate matter containing no asbestos and <1% crystalline silica.			
ISOBUTYL ALCOHOL 78-83-1	1 - 5	50 ppm			
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	20 ppm			
XYLENE 1330-20-7	1 - 5	100 ppm	150 ppm		
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	1 - 5	100 ppm	150 ppm		
C.I. PIGMENT BLACK 7 1333-86-4	.1 - 1	3.5 mg/m³			
ETHYLBENZENE 100-41-4	.1 - 1	100 ppm	125 ppm		

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	103 mmHg @ 100°F (37.78°C)
Vapor density (air = 1.0):	5.1
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined

9. PHYSICAL PROPERTIES

Density (lbs per US gallon):	8.99
Specific Gravity:	1.08
Evaporation rate (butyl acetate = 1.0):	1.4
Flash point (Fahrenheit):	70°F (21°C)
Lower explosive limit:	1 %
Upper explosive limit:	11 %
Autoignition temperature:	not determined -°F (°C)

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Heat.
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Metal oxide fumes.

Sensitivity to static discharge: Subject to static discharge hazards. Please see bonding and grounding information in Section 7.

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
PROPRIETARY INERT	15 - 20	Oral LD50 Rat : 6450 mg/kg
ISOBUTYL ALCOHOL 78-83-1	1 - 5	Oral LD50 Rat : 2460 mg/kg Dermal LD50 Rabbit : 3400 mg/kg
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5	Inhalation LC50 Rat : 450 ppm/4H Inhalation LC50 Mouse : 700 ppm/7H Oral LD50 Rat : 470 mg/kg Oral LD50 Mouse : 1230 mg/kg Dermal LD50 Rabbit : 220 mg/kg
XYLENE 1330-20-7	1 - 5	Inhalation LC50 Rat : 5000 ppm/4H Oral LD50 Rat : 4300 mg/kg Dermal LD50 Rabbit : >1700 mg/kg
PROPYLENE GLYCOL MONO METHYL ETHER 107-98-2	1 - 5	Inhalation LC50 Rat : 10000 ppm/5H Oral LD50 Mouse : 11700 mg/kg Dermal LD50 Rabbit : 13 gm/kg
C.I. PIGMENT BLACK 7 1333-86-4	.1 - 1	ORAL LD50 (RAT): >10,000 MG/KG, INTRAVAVENOUS LD50 (RAT): 120 MG/KG
ETHYLBENZENE 100-41-4	.1 - 1	Oral LD50 Rat : 3500 mg/kg Dermal LD50 Rabbit : 17800 uL/kg

Mutagens/Teratogens/Carcinogens:

Possible cancer hazard. Contains material which may cause cancer based on animal data. Cancer hazard. Contains material which can cause cancer.

Contains ethylbenzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans. IARC has classified ethylbenzene as possibly carcinogenic to humans (2b) on the basis of sufficient evidence of carcinogenicity in laboratory animals but inadequate evidence of cancer in humans. Contains TIO2 which is listed by IARC as a possible human carcinogen (Group 2B) based on animal data. Neither long term animal studies, nor human epidemiology studies of workers exposed to TIO2 provide an adequate basis to conclude TIO2 is carcinogenic. TIO2 is not classified as a carcinogen by NTP, U.S. OSHA, or the U.S. EPA.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
ETHYLBENZENE 100-41-4	.1 - 1		Listed: June 11, 2004 Carcinogenic.

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
TITANIUM DIOXIDE 13463-67-7	5 - 10			2B Possible Carcinogen
C.I. PIGMENT BLACK 7 1333-86-4	.1 - 1			Monograph 65, 1996
ETHYLBENZENE 100-41-4	.1 - 1			Monograph 77, 2000

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
TALC 14807-96-6	1 - 5			male rat-some evidence; female rat-clear evidence; male mice-no evidence; female mice-no evidence
ETHYLBENZENE 100-41-4	.1 - 1			male rat-clear evidence; female rat-some evidence; male mice-some evidence; female mice-some evidence

Ingredient Name CAS-No.	Approx. Weight %	OSHA Select Carcinogens	OSHA Possible Select Carcinogens	ACGIH Carcinogens
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5			Group A3 Confirmed animal carcinogen with unknown relevance to humans.
ETHYLBENZENE 100-41-4	.1 - 1			Group A3 Confirmed animal carcinogen with unknown relevance to humans.

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Dispose of waste at an approved hazardous waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

Proper Shipping Name:	PAINT
Hazard Class:	3
UN ID Number:	UN1263
Packing Group:	II

14. TRANSPORTATION INFORMATION

U.S. Highway & Rail Shipments
The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

Reportable Quantity Description:

International Air Transport Association (IATA):

Proper Shipping Name:	Paint
Hazard Class:	3
UN ID Number:	UN1263
Packing Group:	II

International Maritime Organization (IMO):

Proper Shipping Name:	PAINT
Hazard Class:	3
Non-Bulk UN ID Number:	UN1263
Packing Group:	II

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
ISOBUTYL ALCOHOL 78-83-1	1 - 5			5000
ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	1 - 5		YES	
XYLENE 1330-20-7	1 - 5		form R reporting required for 1.0% de minimis concentration	100
ETHYLBENZENE 100-41-4	.1 - 1		form R reporting required for 1.0% de minimis concentration	1000

SARA 311/312 Hazard Class:

Acute:	yes
Chronic:	yes
Flammability:	yes
Reactivity:	no
Sudden Pressure:	no

U.S. STATE REGULATIONS:

Right to Know:
The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

Pennsylvania Right To Know:

TITANIUM DIOXIDE	13463-67-7
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
PROPYLENE GLYCOL MONO METHYL ETHER	107-98-2
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY	64742-82-1
MINERAL SPIRITS	64742-47-8
NAPHTHA	64742-48-9
EXEMPT MINERAL SPIRITS	8052-41-3
XYLENE	1330-20-7
PROPRIETARY INERT	Trade Secret
TALC	14807-96-6
ISOBUTYL ALCOHOL	78-83-1
NAPHTHA	64742-89-8

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret

California Proposition 65:
WARNING! This product contains a chemical known in the State of California to cause cancer.

Rule 66 status of product Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

US TSCA Inventory:
All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:
All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	2*
Flammability:	3
Reactivity:	1
PPE:	X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:
OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

Disclaimer:

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. This MSDS contains additional information required by the state of Pennsylvania.

Preparation Information:

Prepared By:	Regulatory Affairs Department
Print date:	29/Aug/2008
Revision Date:	26/Aug/2008