

**SITE DESCRIPTION**

**PROJECT NAME & LOCATION:** ROCKWALL HIGH SCHOOL  
901 YELLOW JACKET LANE  
ROCKWALL, TEXAS 75032

**OWNER NAME & ADDRESS:** ROCKWALL ISD  
1050 WILLIAMS STREET  
ROCKWALL, TEXAS 75087

**PROJECT DESCRIPTION:** ADDITIONS AND RENOVATIONS

**SEQUENCE OF MAJOR ACTIVITIES:** PLACEMENT OF EROSION CONTROL DEVICES  
DENUDE SITE  
INSTALLATION OF UTILITY LINES  
INSTALLATION OF TANKS  
START FOUNDATION OF BUILDINGS  
PLACEMENT OF CONCRETE PAVEMENT  
COMPLETE BUILDINGS  
PLACEMENT OF LANDSCAPE AND GRASS  
REMOVAL OF EROSION CONTROL DEVICES

**MAJOR SOIL DISTURBING ACTIVITIES:** DENUDE SITE  
INSTALLATION OF UTILITY LINES  
PLACEMENT OF LANDSCAPE AND GRASS

**PRE-DEVELOPMENT RUNOFF COEFFICIENT:** 0.30

**FINAL RUNOFF COEFFICIENT AFTER CONSTRUCTION:** 0.90

**TOTAL PROJECT AREA:** 5 ACRES

**TOTAL AREA TO BE DISTURBED:** 5 ACRES

**DESCRIPTION OF EXISTING SOIL:** CLAY SOILS

**DESCRIPTION OF STABILIZATION OF EXISTING DRAINAGE WAYS:**

SILT FENCE  
INLET PROTECTION

**DESCRIPTION OF EXISTING QUALITY OF STORM WATER DISCHARGE FOR SITE (IF AVAILABLE):**

**NAME OF RECEIVING WATERS:** LAKE RAY HUBBARD

**ADDITIONAL COMMENTS:**

**ESTIMATED PROJECT START DATE:** FEBRUARY 2008

**ESTIMATED PROJECT END DATE:** DECEMBER 2008

**SEQUENCE AND TIMING OF INDICATED EROSION CONTROL PRACTICES AND/OR FEATURES**

(INCLUDE TREATMENT OF STOCKPILED DIRT FOR FUTURE USE)

**PRIOR TO STARTING CONSTRUCTION:**  
PLACEMENT OF SILT FENCES  
INSTALLATION OF INLET PROTECTION FOR STREET INLETS

**DURING CONSTRUCTION:**  
INSPECTION AND MAINTENANCE OF SILT FENCES  
INSTALLATION OF INLET PROTECTION FOR ON-SITE PAVING

**COMPLETION OF SITE:**  
INSTALLATION OF LANDSCAPE AND GRASS  
REMOVAL OF EROSION CONTROL DEVICES

SITE RATING FACTOR UTILIZING INDICATED EROSION CONTROL & MEASURES = 0.70  
(MUST BE 0.70 OR LARGER)

**EROSION AND SEDIMENT CONTROLS**

**STABILIZATION PRACTICES**

DISTURBED AREAS ON WHICH CONSTRUCTION ACTIVITY HAS CEASED (TEMPORARILY OR PERMANENTLY) SHALL BE STABILIZED WITHIN 14 DAYS UNLESS ACTIVITIES ARE SCHEDULED TO RESUME WITHIN 21 DAYS.

TEMPORARY	PERMANENT	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SEED OR SOD
<input type="checkbox"/>	<input checked="" type="checkbox"/>	VEGETATION OTHER THAN SEED OR SOD
<input type="checkbox"/>	<input type="checkbox"/>	EROSION CONTROL MATS
<input type="checkbox"/>	<input type="checkbox"/>	PRESERVATION OF NATURAL VEGETATION
<input type="checkbox"/>	<input type="checkbox"/>	OTHER (DESCRIBE)

**ADDITIONAL COMMENTS:**

**STRUCTURAL PRACTICES**

TEMPORARY	PERMANENT	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SILT FENCE
<input type="checkbox"/>	<input type="checkbox"/>	HAY BALES
<input type="checkbox"/>	<input type="checkbox"/>	ROCK BERMS
<input type="checkbox"/>	<input type="checkbox"/>	DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
<input type="checkbox"/>	<input type="checkbox"/>	DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
<input type="checkbox"/>	<input type="checkbox"/>	PIPE SLOPE DRAIN
<input type="checkbox"/>	<input type="checkbox"/>	TRIANGULAR SEDIMENT FILTER DIKE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	INLET PROTECTION
<input type="checkbox"/>	<input type="checkbox"/>	STONE OUTLET SEDIMENT TRAP
<input type="checkbox"/>	<input type="checkbox"/>	SEDIMENT BASIN (REQUIRED FOR 10 ACRES OR LARGER WHERE ATTAINABLE)
<input type="checkbox"/>	<input type="checkbox"/>	CHECK DAM
<input type="checkbox"/>	<input type="checkbox"/>	TEMPORARY SEDIMENT TANK
<input checked="" type="checkbox"/>	<input type="checkbox"/>	STABILIZED CONSTRUCTION ENTRY
<input type="checkbox"/>	<input type="checkbox"/>	SANDBAG BERM
<input type="checkbox"/>	<input type="checkbox"/>	OTHER (DESCRIBE)

**ADDITIONAL COMMENTS:**

**OTHER ADDITIONAL STORM WATER MANAGEMENT FEATURES**

PERMANENT	
<input checked="" type="checkbox"/>	CURB & GUTTER
<input checked="" type="checkbox"/>	STORM SEWER INLETS
<input checked="" type="checkbox"/>	STORM SEWER
<input type="checkbox"/>	CULVERTS
<input type="checkbox"/>	STORM WATER DETENTION POND
<input type="checkbox"/>	VELOCITY DISSIPATION DEVICES
<input type="checkbox"/>	OTHER (DESCRIBE)

**ADDITIONAL COMMENTS:**

**EROSION AND SEDIMENT CONTROLS**

**MAINTENANCE/INSPECTION PROCEDURES**

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A RAIN GAUGE UTILIZING MIN. 0.1 INCH INCREMENTS AT THE PROJECT SITE.
2. CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE A WEEK OR WITHIN 24 HOURS OF ANY STORM EVENT OF 0.5 INCH OR GREATER. IF A REPAIR IS NECESSARY IT WILL BE DONE AT THE EARLIEST PRACTICABLE DATE.
3. INSPECTION WILL BE PERFORMED BY THE OWNERS REPRESENTATIVE AT LEAST ONCE A WEEK AS WELL AS AFTER EVERY 0.5 INCH OF RAIN OR GREATER. AN INSPECTION AND MAINTENANCE REPORT WILL BE MADE FOR EACH INSPECTION AND KEPT AT THE PROJECT SITE. THE INSPECTION SHOULD USE THE OPERATOR INSPECTION FORM IN THE NCTCOG CONSTRUCTION BMP MANUAL OR OTHER FORM APPROVED BY THE CITY.
4. THE CONTRACTOR SHALL KEEP RECORDS OF THE CONSTRUCTION ACTIVITY ON THE SITE.  
OTHER (DESCRIBE)

**OTHER BEST MANAGEMENT (HOUSEKEEPING) PRACTICES**  
THE FOLLOWING INDICATED PRACTICES SHALL BE FOLLOWED:

- LIME STABILIZATION**
- ATTACHED BMP S-11 FROM NCTCOG CONSTRUCTION BMP MANUAL
  - OTHER (DESCRIBE):
- SOLID WASTE MANAGEMENT**
- ATTACHED BMP W-1 FROM NCTCOG CONSTRUCTION BMP MANUAL
  - OTHER (DESCRIBE):
- HAZARDOUS WASTE MANAGEMENT**
- ATTACHED BMP W-2 FROM NCTCOG CONSTRUCTION BMP MANUAL
  - STORAGE AREAS (DESCRIBE):
  - OTHER (DESCRIBE):
- CONCRETE WASTE MANAGEMENT**
- ATTACHED BMP W-3 FROM NCTCOG CONSTRUCTION BMP MANUAL
  - OTHER (DESCRIBE):
- SANDBLASTING WASTE MANAGEMENT**
- ATTACHED BMP W-4 FROM NCTCOG CONSTRUCTION BMP MANUAL
  - OTHER (DESCRIBE):
- DUST REDUCTION MEASURES**
- DISTURBED AREAS DAMPENED PERIODICALLY FOR DUST CONTROL
  - EXCESS DIRT ON ADJACENT ROADS REMOVED DAILY
  - OTHER (DESCRIBE):

**SIGNATORY REQUIREMENTS**

THE CITY HAS ADOPTED THE NORTH CENTRAL TEXAS COUNCIL OF GOVERNMENTS (NCTCOG) CONSTRUCTION BMP MANUAL. THESE OUTLINES WERE DEVELOPED AS AN AID FOR THOSE PREPARING STORM WATER POLLUTION PREVENTION PLANS (SW3P'S) FOR VARIOUS CONSTRUCTION ACTIVITIES IN THE CITY. THEIR USE DOES NOT RELIEVE THE DESIGN ENGINEER OR OPERATOR(S) FROM COMPLYING WITH THE NCTCOG BMP MANUAL OR THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORM WATER DISCHARGE FROM CONSTRUCTION SITES.

THE SW3P SHALL BE SEALED BY A TEXAS REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED BY THE OWNER THAT THE INFORMATION IS TRUE AND THAT THEY ASSUME RESPONSIBILITY FOR THE PLAN. ADDITIONALLY, THEY SHALL CERTIFY THAT THE PLAN MEETS STATE AND LOCAL REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL AND STORM WATER QUALITY. IN ALL CASES, A DULY AUTHORIZED REPRESENTATIVE AS INDICATED IN THE GENERAL PERMIT MAY CERTIFY THIS PLAN.

PRIOR TO THE COMMENCEMENT OF WORK, THE OWNER AND GENERAL CONTRACTOR MUST SUBMIT NOTICES OF INTENT (NOI) AS CO-PERMITTEES TO DISCHARGE STORM WATER FROM A CONSTRUCTION SITE UNDER THE NPDES PERMIT. ADDITIONALLY, ALL CONTRACTORS AND SUBCONTRACTORS (INCLUDING FRANCHISE UTILITIES) WHOSE ACTIVITIES IMPACT THE SW3P MUST SIGN AN APPROVED CERTIFICATION THAT THEY UNDERSTAND THEIR RESPONSIBILITIES UNDER THE PLAN. NO WORK WILL BE ALLOWED UNTIL COPIES OF ALL APPROPRIATE NOI'S AND CERTIFICATIONS ARE RECEIVED BY THE CITY.

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

I CERTIFY THAT THE STORM WATER POLLUTION PREVENTION PLAN REFLECTS THE CITY OF ROCKWALL REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL AS ESTABLISHED IN THE NCTCOG BMP MANUAL.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_

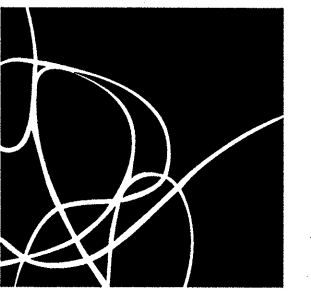
**ALLOWABLE NON-STORM WATER DISCHARGES**

- DISCHARGES FROM FIRE FIGHTING ACTIVITIES.
- FIRE HYDRANT FLUSHINGS. \*
- WATER USED TO WASH VEHICLES OR CONTROL DUST.
- POTABLE WATER SOURCES (INCLUDING WATERLINE FLUSHINGS CONTAINING LESS THAN 1000 GALLONS). \*
- UNCONTAMINATED GROUND WATER (INCLUDING DEWATERING GROUNDWATER INFILTRATION).
- FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT CONTAMINATED WITH PROCESS MATERIALS SUCH AS SOLVENTS.
- SPRINGS, RIPARIAN HABITATS, WETLANDS AND UNCONTAMINATED GROUNDWATER.
- IRRIGATION WATER.
- EXTERIOR BUILDING WASH DOWN WITHOUT DETERGENTS.
- PAVEMENT WASH WATERS WHERE SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED (UNLESS ALL SPILL MATERIAL HAS BEEN REMOVED) AND WHERE DETERGENTS ARE NOT USED.
- AIR CONDITIONING CONDENSATE.

\* HEAVILY CHLORINATED WATER (3.5 MG/L OR GREATER FREE CHLORINE) RESULTING FROM WATER LINE STERILIZATION SHALL BE DIRECTED UNDER PERMIT TO THE SANITARY SEWER UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL APPLY TO THE ENGINEERING DEPARTMENT FOR A SANITARY SEWER DISCHARGE PERMIT AFTER THE MANDATORY CHLORINE RETENTION TIME (USUALLY 24 HOURS). THE HEAVILY CHLORINATED WATER MAY BE DISCHARGED TO THE SANITARY SEWER, BEGINNING TWO WORKING DAYS AFTER PERMIT APPLICATION.

**RECORD DRAWING**  
This is to certify that changes and corrections have been made to conform the contractor's record of this project.  
*[Signature]* 8-16-09  
Signed Date  
Glenn Engineering Corporation

**SWPPP DETAILS**



**SHWGROUP**  
ARCHITECTS | ENGINEERS | PLANNERS

CIVIL:  
GLENN ENGINEERING, INC.

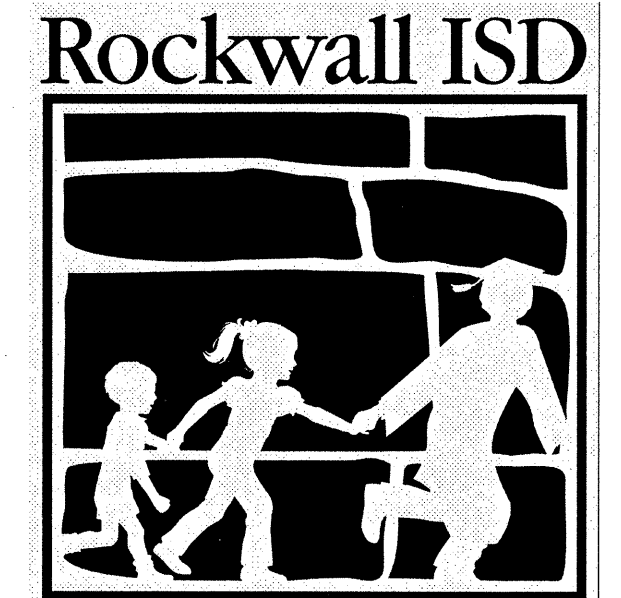
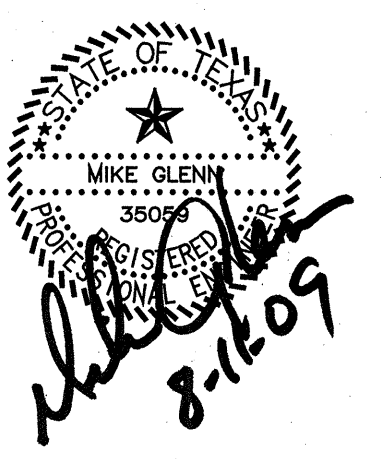
STRUCTURAL:  
SHW GROUP LLP

MEP:  
ESTES, McCLURE & ASSOCIATES

LANDSCAPING:  
RAMSEY LANDSCAPE ARCHITECTS

FOOD SERVICE:  
JMK DESIGNS

FINAL PLANS FOR PERMITTING AND CONSTRUCTION



**ROCKWALL HIGH SCHOOL**  
ROCKWALL, TEXAS

CHECKED:

File:

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ISSUE: 5/27/2008

Revisions:

- 1 ADDENDA #1 - MARCH 17, 2008
- 2 ADDENDA #2 - MARCH 25, 2008
- 3 ADDENDA #3 - APRIL 1, 2008
- 4 CITY REVIEW COMMENTS - APRIL 22, 2008
- 5 CITY REVIEW COMMENTS - SEPT. 09, 2008
- 6 RECORD SET - MARCH 04, 2009
- 7 REVISED RECORD SET - JUNE 04, 2009

Sheet Title:

**SWPPP DETAILS**

**CG 1.12**

Plotted: Aug 11, 2009, 1:39 PM by user: rick - Saved: 8/11/2009 by user: reagan  
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