Olsson
702 S. Main Street
Joplin, MO 64801
August 11, 2021

ADDENDUM NO. 1
Glendale Parallel Interceptor – Upper Reach
Joplin, MO - 2021
Olsson Project No. C17-0642

TO ALL WHO HAVE RECEIVED PLANS AND SPECIFICATIONS FOR THE REFERENCED PROJECT.

FRONT-END DOCUMENTS:

1. Refer to the INFORMATION FOR BIDDERS

   Section 1. Delete "June 19, 2021"and "5th Floor Study" and replace with "August 19, 2021" and 4th Floor Conference Room."

2. Refer to the PROPOSAL

   Delete the section in its entirety and replace with the attached document.

   a. Allowable time for Connecticut work has been reduced with total road closure allowed.
   b. Contract times have been expanded to 120 Days.
   c. Contractor is only required to hold Pipe Material Prices for 30 Days past bid opening, where apparent low bidder shall be authorized to purchase materials at the bid price.
   d. New bid items have been added to the Bid Form for Contaminated Materials Cap. Line D-18 shall include clean soil backfill between top of contaminated backfill and bottom of topsoil layer. Total Cap thickness including the topsoil shall be greater than 18-inches.

2. Copy of Joplin SWPPP has been included for use during construction.

TECHNICAL SPECIFICATIONS:

1. Refer to Section 4100.3.12 of City of Joplin Standard Specifications.

   a. Remove entire paragraph.

2. Refer to JSP-0400-01.

   b. Section 3.1. Delete Paragraph 4 in its entirety.

DRAWINGS:

1. Refer to the Drawings, Sheet 4 of 19, General Notes.

   a. Note 11: Remove "OF 7:00 AM to 7:00 PM" and replace with, "as stated in the City of Joplin Noise Ordinance".

   b. Note 25: Remove "Approved Sediment and Erosion Control Plan (SECP)" and replace with, "Local, State and Federal Regulations."

   c. Note 30: Remove Last Sentence.

c. Note 50: Remove “and as detailed in JSP 1200-01.”

d. Note 50: Remove “mystery” and replace with “project.”

e. ROOT PRUNING NOTES: Remove Notes 2 and 6.

2. Refer to the Drawings, Sheet 9 of 19, Sanitary Sewer Plan & Profile.

   a. Pavement Repair Notes: Remove any reference to “cold mix asphalt” and replace with “3-inch commercial mix asphalt or 4-inch un-tinted concrete”.

3. Refer to the Drawings, Sheet 17 of 19, Standard Details.

   a. Include attached “Trench Groundwater Barrier Material” Detail into plans and proposed improvements.
   b. Install one barrier at Sta: ±250+50. Costs for barrier shall be incidental to trenching.

Enc: Proposal, Bidder Questions, Pre-Bid Sign-in, Barrier Detail, Joplin Standard SWPPP□□□□

Each Bidder must acknowledge receipt of all addenda in the space provided on the Bid Form.

PROPOSAL

THE UNDERSIGNED hereby proposes to furnish the labor and material for:

Project:
Glendale Parallel Interceptor Improvements
Upper Reach
Newton County, Missouri

in the City of Joplin, Missouri, according to the Drawings, Contract Documents and general specifications for such work on file in the office of the City Engineer and Director of Public Works, together with the terms and conditions to be stipulated in the general contract forms, now adopted by the City of Joplin, as advertised to be let on *August 19, 2021*, at the following prices to-wit:

ITEM NO.		ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL
SCHEDULE A - GENERAL						
A	1	MOBILIZATION	LS	1		
A	2	CONTRACTOR CONSTRUCTION STAKING	LS	1		
SCHEDULE B - DEMOLITION						
B	1	CLEARING AND GRUBBING	LS	1		
B	2	REMOVAL OF IMPROVEMENTS	LS	1		
B	3	TREE REMOVAL	EA	1		
SCHEDULE C - EROSION CONTROL						
C	1	EROSION & SEDIMENT CONTROL	LS	1		
C	2	SEEDING, FERTILIZING & MULCHING	LS	1		

ITEM NO.		ITEM DESCRIPTION	UNIT	QTY	UNIT COST	TOTAL
SCHEDULE D - SANITARY SEWER						
D	1	6'-8' DEEP TRENCH & BACKFILL 8" DIA GRAVITY SEWER PIPE	LF	370		
D	2	8'-10' DEEP TRENCH & BACKFILL 8" DIA GRAVITY SEWER PIPE	LF	910		
D	3	8" DIA. SDR 26 PVC GRAVITY SEWER PIPE AND BEDDING, INCLUDING TESTING	LF	1,280		
D	4	TYPE 1, 48" DIA. MANHOLE	EA	6		
D	5	OUTSIDE DROP MANHOLE	EA	1		
D	6	TYPE 1, 48" DIA. MANHOLE EXTRA DEPTH	VF	14		
D	7	TESTING OF TYPE 1, 48" DIA. MANHOLES	EA	7		
D	8	ABANDONMENT OF 48" MANHOLES UNDER TURF	EA	6		
D	9	ABANDONMENT OF 48" MANHOLES UNDER PAVEMENT	EA	3		
D	10	4" SCHEDULE 40 PVC SEWER LATERAL LINE	LF	20		
D	11	RECONNECTION OF EXISTING SEWER SERVICE LAT. LINE	EA	1		
D	12	RECONNECTION OF EXISTING 8" DIA. SEWER LINE	EA	4		
D	13	TEMPORARY CURB & GUTTER	LF	160		
D	14	CONCRETE CURB & GUTTER	LF	30		
D	15	ASPHALT PAVEMENT REPAIR & REPLACEMENT	SY	435		
D	16	CONCRETE PAVEMENT REPAIR & REPLACEMENT	SY	30		
D	17	DISPOSAL OF LEAD CONTAMINATED SOIL	CY	1,930		
D	18	18” CAP OF LEAD CONTAMINATED SOIL UNDER TURF	CY	1,000		
SCHEDULE H - TRAFFIC CONTROL						
H	1	TRAFFIC CONTROL	LS	1		
H	2	2- CHANGEABLE MESSAGE BOARDS	DAY	90		
TOTAL ESTIMATED BASE BID					$	

$ _____
(Write Out in Words)

Addendum 1	

The undersigned agrees to enter into a contract within fifteen (15) days from notice of award should this proposal be accepted, and enter into bonds with good and sufficient securities, and to fully complete the work within the time allowances listed below:

Time Allowance:
Overall Project: **120 Calendar Days** allowed

Connecticut Ave. Crossing: **3 Calendar Days** allowed

Calendar day count for the improvements within the Right-of-Way of Connecticut Ave. will commence upon any lane drops of Connecticut Ave. to through traffic and calendar days will cease when Connecticut Ave. is re-opened to traffic via final paving. Connecticut Avenue may be closed for a period of 3 days with work hours limited to 6:00 AM and 10:00 PM. Contractor shall submit a modified traffic control plan to include a detour for the total closure of Connecticut.

Time allowances listed above are not cumulative. The Connecticut Ave. Crossing must be completed within the overall time allowance of the project, and those time requirements do not affect the overall project completion date listed above.

Liquidated Damages:
Should the undersigned fail to complete the work within the time frames listed above, the following penalties shall be instituted; the amount shall be deducted from the contract price. Failure to comply with more than one of the time allowances above will result in **cumulative liquidated damages.**

Overall Project: **$700 per Calendar Day**
Connecticut Ave. Crossing: **$2,000 per Calendar Day**

In order to pay all labor employed and material used in connection with this work and to adjust all claims or liens that may arise in consequence of said work, to the satisfaction of the Director of Public Works, above said bonds shall also indemnify and save harmless the said City from all damages or injuries to any person or persons, either in the employ of the contractor, his agents, servants or employees. In the event of the failure of the undersigned to enter into such contract within fifteen (15) days of the award, then the deposit or certified check of five percent (5%) of the Total Contract Bid Amount as surety is therefore forfeited to the City of Joplin.

All applicable laws, ordinances, and the rules and regulations of all authorities having jurisdiction over construction of the PROJECT shall apply to the Contract throughout.

Each BIDDER is responsible for inspecting the site and for reading and being thoroughly familiar with the CONTRACT DOCUMENTS. The failure or omission of any BIDDER to do any of the foregoing shall in no way relieve any BIDDER from the any obligation in respect to his BID.

The low BIDDER shall supply the names and addresses of the major material SUPPLIERS AND SUBCONTRACTORS when requested to do so by the OWNER.

Dated _____day of _____, 2021.

Company _____

Address _____

Signature _____

(Print Name) _____

August 5, 2021

Glendale Parallel Interceptor Improvements – Upper Reach
Bidder Questions

1. I this project 100% City money?
    a. Yes

2. Will the Concrete Pavement Repair have to be Black Concrete?
    a. *Yes, tint match existing pavement where concrete pavement repair is called out.*

3. Can you tell us the estimated start date?
    a. *Bid Award will be presented at first meeting in September with Notice of Award issued the same week. Contract Execution could be mid-October.*

4. This project has 90 Calendar Day's on it. Do you see a problem with the Asphalt for December?
    a. *Days are being extended to 120 days, See Addendum.*
    b. *JSP 3100 allows for an alternate of un-tinted concrete in place of 3" asphalt. See Addendum for Plan Note Revisions to match JSP.*

5. Plans don't show any fence removal. Is this correct?
    a. *Sheet 6 and 7 call out known fence removal. These shall be replacing in kind. Coordinate with Owner's for temporary fencing requirements. Costs are incidental to removal of improvements.*

6. Can the Tree Removal be completed by the City's On-Call Contractor?
    a. *Due to location of the tree and size, it is possible the roots have encased the existing utilities. Contractor shall be responsible to complete removal of tree, stump and roots. Arborist requirements have been removed from General Notes.*

7. Plans show Connecticut one lane at a time. Can Connecticut be closed?
    a. *See Addendum for final determination.*
    b. *For Manhole Abandonment in Connecticut, Contractor may only remove cone section and backfill barrel.*

8. In the General Notes on Sheet 4 note #3 says Contractor shall obtain **all** permits for this project. What permits do you think will be required?
    a. *No Permits, Several Notes from Sheet for have been revised in Addendum.*

9. Ask about material prices due to the Supplier will only hold quote for the day of the quote. This could be a problem.

702 S. Main Street / Joplin, MO 64801
O 417.781.0643 / **olsson.com**

a. *Contractor shall only be required to hold pipe material prices for 30 days past opening. Owner will authorize Apparent Low Bidder to purchase material through Purchase Order prior to Award. If the Project is not approved by Council, the City will reimburse the Contractor for the cost of pipe and take delivery of the material.*

10. Can 34th Street be used as a storge area?
    a. *Materials and equipment cannot be stored in the roadway. Contractor may utilize: https://newtongis.integritygis.com/ to look for alternative private properties for storage. Contractor shall follow contract requirements for storage areas.*

11. I would like to go over bid item number D17 Disposal & Replacement of Lead Contaminated Soil.
    a. *JSP is not included in the Project Manual. Follow City of Joplin Standard Specification. Bid Item included to add backfill in turf area where 18" cap may be required over contaminated material. See addendum for requirements.*

12. Will the Lead Contaminated soil go to the Malang Road Repository? And will the Contractor be required to knock it down?
    a. *Yes, the same site will be used north of W. 7th St. on Malang Rd.*
    b. *No, do not plan to push out material.*

13. What testing is required for this project.
    a. *Mandrel testing has been removed due to time limitation of the project. Contractor shall still pressure test and vacuum test in accordance with Joplin Specifications.*
    b. *Material Testing shall include a proof roll of the aggregate backfills paralleling the roads. City of Joplin shall pay for concrete testing for pavement repairs.*

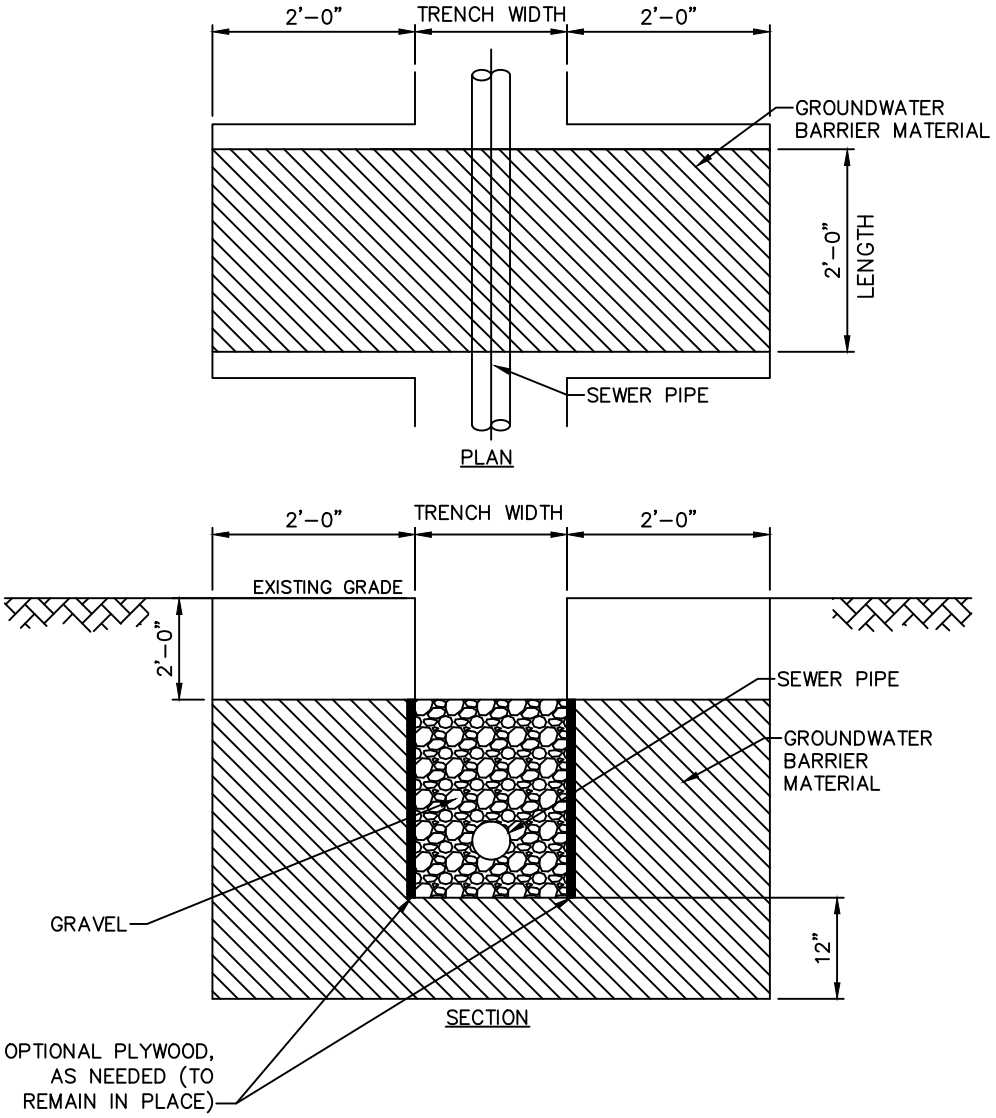
14. Compaction of Clean Rock Backfill and reduction of groundwater flow through backfill.
    a. *Compaction shall meet Section 1700 of Joplin Standard Specifications.*
    b. *City of Joplin Detail has been provided for "Trench Groundwater Barrier Material". See Addendum for location of barrier.*

SIGN IN SHEET

Glendale Parallel Interceptor

Upper Reach

	Pre-Bid Opening				8/5/2021
	Joplin, MO				2:00pm
	NAME	COMPANY/AGENCY	PHONE	EMAIL	PRIME (Y/N)
1	Rusty Snider	Asbell Excavating	417.437.1195	rsnyder@jeffasbell.com	Y
	Riley O'Brien	Asbell Excavating	417.952.0976	robrien@asbellcompanies.com	
2	Jim Thomason	Goins Enterprices	417.629.4040	contact@goinsent.com	Y
	Jerry Goins	Goins Enterprices	417.437.6229		
3	Randy Persons	R.L. Persons Const.	573.686.1322	randypersons@rlpersons.com	Y
4	Tony Backen	Dirk Heavy Contractors	660.464.2520	tony@heavy.com	Y
5	Chris Parker	City of Joplin	417.642.0220	cparker@joplinmo.org	
			Ext: 1584		
6	Rob Beachner	City of Joplin	417.642.0220	RBeachne@joplinmo.org	
			Ext: 1543		
7	Shaun McConnaughey	Olsson, Inc.	417.781.0643	smcconnaughey@olsson.com	
8					
9					
10					
11					
12					
13					
14					
15					



TRENCH GROUNDWATER BARRIER DETAIL

NTS

NOTES:

1. BARRIER MATERIAL SHALL BE CLAY SOIL MEETING CLASSIFICATION GC, SL, CL, OR ML-CL OR PORTLAND CEMENT CONCRETE.
2. A BENTONITE/CLAY SOIL MIXTURE BARRIER MATERIAL MAY BE UTILIZED IN THE EVENT THAT ADEQUATE CLAY SOIL MIXTURE IS NOT READILY AVAILABLE OR IN AREAS THAT DISPLAY EXCESSIVE GROUNDWATER CONDITIONS, AS DIRECTED BY THE ENGINEER.
3. THE BENTONITE CLAY GROUT SHALL CONTAIN A MINIMUM OF 10% BENTONITE BY WEIGHT (MAXIMUM OF 20% BENTONITE).

TRENCH GROUNDWATER BARRIER SPACING

4. GROUNDWATER BARRIER SHALL BE INSTALLED 20 FEET UPSTREAM OF EACH MANHOLE FOR GRAVITY LINES AND INSTALLED AT INTERVALS NOT TO EXCEED 400 FEET FOR PRESSURE LINES.
5. GROUNDWATER BARRIER SHALL BE INSTALLED 15 FEET DOWNSTREAM OF EVERY DRAINAGEWAY CROSSING.
6. EXCAVATED TRENCH BOTTOM SHALL BE UNIFORM FOR ENTIRE WIDTH & LENGTH PRIOR TO INSTALLING BARRIER MATERIAL.
7. SOIL SHALL BE COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY.

SAN–26

CITY OF Joplin	CITY OF JOPLIN, MO	CKD BY: JOHNSON	PROJECT TRENCH GROUNDWATER BARRIER DETAIL
	PUBLIC WORKS DEPT	DATE: 4/2021	
	ENGINEERING DIVISION	ENGINEER: HERTZBERG	
	602 S MAIN ST 64801	FILE: SAN – 26	

LAND DISTURBANCE
STORM WATER POLLUTION
PREVENTION PLAN
(SWPPP)
FOR CONSTRUCTION OF:

Prepared for

CITY OF JOPLIN, MISSOURI

Original SWPPP Template Prepared
July 2009

Original SWPPP Template Prepared by

ALLGEIER, MARTIN and ASSOCIATES, INC.
Consulting Engineers
Joplin, Missouri

STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)
FOR
LAND DISTURBANCE CONSTRUCTION OF:

_____

FOR THE
CITY OF JOPLIN
JASPER/NEWTON COUNTY
JOPLIN, MISSOURI

I. SITE DESCRIPTION

Project Location – The project location governed by this SWPPP is: _____

_____

Located in the City of Joplin, Missouri. The number and location of outfalls are: _____

_____

_____

The receiving stream/streams are: _____

Project Owner – CITY OF JOPLIN
602 S Main Street
Joplin, Missouri, 64801

Site Area = The total project area is comprised of approximately _____ acres.

Proposed disturbed area = Approximately _____ acres.

Site Runoff Coefficients, C
Prior to Proposed Construction & Improvements = _____
Estimated Weighted Average After Improvements = _____

The site earthwork construction activities for the _____ project will consist of: _____

_____

_____

_____

Final grading and the preparation of the seedbed for vegetative restoration will follow these activities.

Prior to, and/or in conjunction with, the establishment of the construction site entrance and access roads will be the placement of the filter fabric silt fencing and/or straw bale barriers (as required) down gradient of those areas of vegetation and root zone disturbance activities. In addition, any areas of the site that pose a potential for off-site migration of sediment shall be protected with whatever means necessary to prevent sediment from leaving the site, as site-specific conditions may require. Inspection and maintenance of the filter fabric silt fences, any straw bale barriers and /or straw wattles, vegetated buffer areas, and any other Best Management Practices (BMPs) shall continue throughout the term of the project until a permanent vegetative cover is re-established (as defined) and the Notice of Termination (NOT) of the permit is received from the Missouri Department of Natural Resources (MDNR). Care shall be exercised to limit the disturbance of current vegetated areas to the smallest amount possible for the planned development of the site.

II. SEQUENCE OF CONSTRUCTION ACTIVITIES

The area of the proposed project will be excavated, graded, and constructed, per the plans and specifications. Prior to the initial soil disturbance activities, the installation of the temporary BMPs including installation of the filter fabric silt fencing, and any straw bale barriers (as may be required), will be installed at the location shown on the SWPPP drawing prior to major soil disturbance activities for storm water runoff sediment control, and to retain sediment on the site and out of the drainage structures and streams. Additional Temporary BMPs shall be installed, including, but not limited to, additional silt fencing, straw bale barriers and/or straw wattles, or possible check dams as site-specific conditions may require.

The proposed general sequence of construction activities for the project is as follows:

1. Establish the construction entrance/exit drive at the site with the location(s) to be determined by the contractor. Stabilize and maintain the construction entrance/exit drive with a minimum 50 ft long, minimum 6" thick layer of 3" to 5" clean, washed and graded, crushed rock, placed over a geotextile filter material, for control of vehicle tracking of sediments off-site and on to the public roadways as shown on the SWPPP drawing.

2. Removal of any trees as needed for the earthwork construction activities. Soil disturbances shall be minimized during this process.

3. Placement of filter fabric silt fencing, and/or straw bale barriers/straw wattles, as required, at the locations shown on the SWPPP drawing, and any other additional areas where site conditions may require to prevent erosion and sediment losses with storm water runoff from the site during the earthwork activities. Installation of these items shall be accomplished prior to, and during the turf and soil disruptions caused by the excavation, filling, grading and construction activities.

4. Clear and grub all areas as required for the earthwork construction of the site in preparation for the project, as shown on the construction drawings. Existing vegetation will be preserved wherever practical. Filter fabric silt fencing shall be installed at the locations shown on the SWPPP drawing prior to the initiation of earthwork construction of the site.

5. Project Construction.

6. Following seedbed preparation of disturbed areas, apply seed, fertilize, mulch, etc. in areas where final construction has been completed, and maintain until permanent vegetation is re-established per this SWPPP, and in compliance with the conditions of the Storm Water Discharge General Permit issued by the MDNR.

7. Temporary seeding and mulching of disturbed areas shall be performed, as necessary, to prevent erosion and sediment loss during the construction activities prior to permanent seeding of the disturbed areas.

All additional construction activities to be completed during this project are as follows:

_____

_____

_____

_____

_____

Best Management Practices (BMPs) including establishment of the rock stabilized construction equipment entrance/exit, placement of filter fabric silt fence, any straw bale silt barriers, temporary seeding and any other measures to prevent erosion of the soils and sediment movement off-site shall be implemented prior to the land disturbance activities. Inspection, maintenance, repair, and upkeep of all BMPs throughout the construction project to achieve compliance with the conditions of the National Pollutant Discharge Elimination System (NPDES) Storm Water Discharge Permit issued by the MDNR, and this SWPPP is, and will be, considered a major concern and part of the project. All conditions of the NPDES permit and this SWPPP shall be strictly adhered to throughout the project, as required.

III. POLLUTION CONTROL – BEST MANAGEMENT PRACTICES (BMPs)

1. Erosion and Sediment Abatement Control

A. Soil Stabilization Practices

1) Temporary Practices: Topsoil stockpiles and areas of the site where daily construction activities will temporarily cease for longer than 21 days will be stabilized using silt fencing, or covered to prevent erosion within 14 days. The contractor shall cause the location of topsoil stockpile to be noted and indicated on the SWPPP drawing.

2) Permanent Restoration: Disturbed portions of the site area affected by the construction shall be seeded for permanent vegetative restoration of turf per the contract plans and specifications or this SWPPP. All areas disturbed during construction shall be fertilized, seeded, and mulched.

Seeding/Fertilizer/Mulch – Light disking or other similar means shall properly prepare seedbeds. Disturbed portions of the site area affected by the improvements shall be seeded for vegetative restoration of turf per the specifications, or as follows. All areas disturbed during construction shall be fertilized, seeded, and mulched. Seed shall be as called for in the specifications, or a mixture of eighty percent (80%) K31 Fescue, fifteen percent (15%) Korean Lespedeza, and five percent (5%) wheat by weight applied at the rate of 130 pounds of seed mix per acre. Seed shall be applied by drilling or by broadcast application. Broadcast applications shall be lightly disked and rolled immediately following application of the seed. In either method, the seed shall be planted to the proper depth. Fertilizer shall be as called for in the specifications, or a commercial fertilizer, having an analysis of 12-12-12 (12 percent nitrogen, 12 percent phosphorous, and 12 percent potassium). Fertilizer shall be applied evenly and incorporated into the soil at the rate as called for in the specifications, or 20 pounds per 1,000 square feet, or per the manufactures instructions. The vegetative mulch shall be the cereal straw from oats, rye, wheat, or barley. The straw shall be free of prohibited weed seeds, as applicable under state seed law, and shall be relatively free of other noxious and undesirable seeds. The straw shall be clean and bright, relatively free of foreign material and applied at the rate of 2-1/2 tons per acre, or as called for in the specifications. The operation of seeding and mulch cover placement shall be accomplished not later than 14 days from the date final construction activities cease.

Erosion Control Mat – Biodegradable erosion control mats shall be installed (as needed) along steeper slopes, bottom of ditches, and elsewhere if shown on the SWPPP drawing and/or as needed, or as directed by the Resident Project Representative in accordance with the manufacturer's instructions. The mats shall be constructed with straw or recycled cellulose products and strengthened with a netting of polypropylene or natural fibers. Mats shall have a recommended life of at least ten months. Contractor shall apply fresh seed at above stated fescue seed mix rate prior to placement of the erosion control mats.

Slopes and seedbed areas shall be properly prepared, fertilized and seeded prior to installation of the mats. Mats shall be anchored with hardwood or biodegradable pins in accordance with the manufacturer's recommendations. (* Staple Pattern B minimum) Metal pins are not acceptable and shall not be used.

Erosion control mats shall be S150BN manufactured by North American Green or an approved equal.

B. Structural Element Practices

1) Filter Fabric Silt Fence: Temporary filter fabric silt fencing shall be installed along and downgradient of the disturbed areas as shown on the SWPPP drawing and in additional areas as needed, prior to and in conjunction with the construction of the improvements. The placement of the silt fencing shall be effective in the prevention of major sediment movement from the site. All filter fabric silt fencing shall be maintained throughout the construction and until final vegetation is restored, and Notice of Termination of the permit is received.

2) Straw Bale Barrier: Temporary straw bale barriers shall be strategically placed at the site as shown on the SWPPP drawing and at additional locations as necessary according to site specific terrain requirements, as a control measure to contain and prevent major sediment runoff from the project site as needed.

3) The construction entrance/exit drive shall be rock stabilized with a minimum 6" thick, 3" to 5" crushed rock over a geotextile filter material to prevent construction vehicles from transporting, tracking and/or dropping mud and/or sediment onto the public road as needed. Any and all other established entrance/exit roads on/site shall be kept clear and clean of any and all sediment to prevent tracking to public roads. This may require daily sweeping.

A descriptive reference for the proper installation of the filter fabric silt fences, straw bale barriers, and the construction entrance/exit is provided in the Appendices and on the drawing of this SWPPP.

2. Waste Disposal

A. Construction Waste/Trash/Solid Waste – Any and all waste materials (except hazardous waste–see paragraph III.2.B. below) generated during the project will be collected as needed and removed from the site daily or placed and stored in a metal dumpster rented from a solid waste management company licensed to operate in the City of Joplin or owned by the contractor or the owner. The dumpster(s) shall meet all local and State solid waste management regulations. The contractor shall cause the location of solid waste containers placed on the site to be noted and indicated on the SWPPP drawing. All trash and construction debris from the site will be deposited in the dumpster(s) as appropriate. The dumpster(s) will be emptied approximately once per week, or more often if necessary. No construction waste materials will be buried on site. All brush, trees and refuse shall be removed or disposed of by burning (if permitted). Open burning of tree trunks, tree limbs, and vegetation from land clearing operations is allowed only in the outstate area of Missouri if the burning takes place outside the city limits of any incorporated area or municipality. Materials such as tires or waste oil may not be used to start the fires or be burned in the fires. Missouri State Regulations prohibit open burning of any waste generated by a business, trade, industry, or any demolition operation including, but not limited to paper, cardboard boxes, pallets, tires, rubber products, hazardous materials, styrofoam, plastics, petroleum products, treated wood and any asbestos-containing material. Any burning operations shall be in strict compliance with the requirements of all applicable statutes and regulations. Prior to conducting any open burning, the contractor shall contact the appropriate city or county of jurisdiction for any local restrictions or permit requirements. Burning operations shall not constitute a nuisance to persons living nearby, shall be kept away from all property lines and at least 200 yards from the nearest inhabited dwelling, as well as transmission and distribution lines and shall be carefully controlled to prevent any damage to adjacent properties and facilities. Burn pit refuse shall be cleaned out and disposed of off-site. All personnel will be instructed regarding the correct procedure for waste disposal. Notices stating these practices will be posted on site, as necessary. The contractor shall cause any and all burning locations to be shown on the SWPPP drawing.

B. Hazardous Waste – Any and all hazardous waste materials will be disposed of in the manner specified by local, state and/or federal regulations, or per instructions by the manufacturer. Site personnel will be instructed in these practices, and the individual who manages day-to-day site operations will be responsible for seeing that these practices are followed.

C. Sanitary Waste – The General Contractor is responsible for providing sanitary facilities on the site, as needed, should use of any permanent facilities not be available. The contractor shall cause the location of portable toilet facilities placed on the site to be noted and indicated on the SWPPP drawing. All sanitary waste will be collected from the portable units (if provided) a minimum of one time per week (or as needed) by a licensed sanitary waste management contractor, or as required by local regulation and disposed of only in locations having a State permit.

3. Offsite Vehicle Tracking

A stabilized construction site entrance/exit will be established and maintained to help reduce tracking of any sediment off-site and onto the adjacent and adjoining roadways. Care shall be taken to ensure that adequate rock aggregate is in place at all times at the entrance to minimize offsite tracking as discussed above in Section III.1.B.3 of this SWPPP.

IV. MAINTENANCE/INSPECTION PROCEDURES

1. Inspection Schedule

A. All control measures **SHALL** be inspected at least once a week, or as required by the issued storm water discharge permit, prior to a known major storm event, and within a reasonable time, not to exceed 24 hours, following any storm event of 0.5 inches or greater. The contractor is responsible for completing all inspection and maintenance forms, and providing same to the owner.

2. Maintenance of Sediment Control Measures

A. All storm water runoff sediment control measures will be maintained in good working order. Maintenance and repair (if necessary) shall be initiated within 24 hours of being reported.

B. Sediment built up shall be removed from the filter fabric silt fence barriers when it has reached one-third the height of the barrier or sooner.

C. All filter fabric silt fences will be inspected for depth of sediment and for fabric tears and to ensure the fabric is securely attached to the fence posts, and that the fence posts are firmly in the ground.

D. Any and all earthen berms and sedimentation basin dams shall be inspected for damage and erosion and repaired if necessary.

E. Any and all vegetation/rock check dams shall be replenished or replaced when the void space has become filled with silt and sediment to the point it is no longer functional.

F. Straw bales shall be inspected for damage and anchor integrity and replaced and/or re-anchored, if necessary. Sediment built up shall be removed from the straw bale barriers when it has reached one-third the height of the barrier or sooner, as required.

G. All temporary seeding shall be inspected for bare spots, washouts, and healthy growth. Re-seeding will be accomplished as necessary.

H. A maintenance inspection report shall be completed during each inspection. A copy of the inspection and report forms to be completed by the inspector is included in the Appendix.

I. The contractor will be responsible for inspections, completion of the inspection and maintenance reports, and all maintenance and repair activities. The contractor shall provide the owner with copies of all required reports in a timely manner.

J. The contractor shall name an individual as the Environmental Manager for the site for inspection and maintenance responsibilities. The individual shall be trained and knowledgeable in all the inspection and maintenance practices necessary for keeping the erosion and sediment controls (BMPs) used on the site in good working order. The contractor shall cause the name of the Environmental Manager to be to be noted and indicated in the space provided on the SWPPP drawing.

3. Non-Storm Water Discharges

A. It is expected the following non-storm water discharges may occur from the site.

1) Wash waters from construction equipment and finished pavement (where no spills or leaks of toxic or hazardous materials have occurred.)
2) Water sprinkling for dust control.

V. SPILL PREVENTION - SITE MANAGEMENT BMPs/MMPs

The following are the material management practices (MMPs) that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.

1. Good Housekeeping Practices

A. The contractor shall make a concerted effort to store only enough of each product on site required to do the job. The contractor shall cause the location of storage areas on the site to be noted and indicated on the SWPPP drawing.

B. Any and all materials stored on site will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a cover or other enclosure for protection from precipitation and located away from drainage courses and low areas.

C. Any and all materials and products will be stored and maintained in their original containers with the original manufacturer's label.

D. Substances will not be mixed with one another unless recommended by the manufacturer.

E. Whenever possible, all of a product will be used up before disposing of the container.

F. Manufacturers' recommendations for proper use and disposal will be followed at all times for all materials and products.

G. The contractors' site superintendent, or his designated appointee, will visually inspect the job site daily to ensure proper use and/or disposal of all materials on site.

2. Hazardous Products - Storage, Handling, Use, & Disposal Practices

The contractor shall cause the location of any and all hazardous materials/hazardous products placed on the site to be noted and indicated on the SWPPP drawing. These practices are used to reduce the risks associated with hazardous materials:

A. Any and all products will be kept in original containers unless they are not re-sealable. Otherwise they should be transferred to re-sealable containers for storage and properly marked, indicating the contents.

B. Original labels and material safety data sheets (MSDSs) will be retained on site, as they contain important product information.

C. If surplus product must be disposed of, manufacturers' and local, state and/or federal recommended methods for proper disposal will be followed.

D. Fuels, oils, lubricants, solvents, or other hazardous materials shall NOT be disposed of on the site. All hazardous material must be properly stored, used and disposed in accordance with State and Federal laws and regulations. Drip pans will be provided for any valves on storage containers, as appropriate. For further guidance, contact MDNR at 1-800-361-4827.

3. Product Specific Practices

The following product specific practices will be followed on site:

A. Petroleum Products - All on-site vehicles and equipment will be monitored for leaks, and will receive regular preventive maintenance to reduce the chance of leakage. Any and all petroleum products on site will be stored in tightly sealed containers that are clearly labeled and provided with drip pans, if appropriate. Any asphalt substances used on site will be applied according to the manufacturer's recommendations. Any fuel storage tanks located on-site shall be provided with adequate secondary containment. Drip pans will be provided for all valves. If greater than 1320 gallons of oil is stored on the site, the contractor is responsible for providing and maintaining a SPCC (Spill Prevention, Control, and Countermeasures) plan on site. The contractor shall cause the location of any petroleum product storage areas on the site to be noted and indicated on the SWPPP drawing.

B. Fertilizers - Fertilizers will be applied only in the minimum amounts previously stated. Once applied, fertilizer will be worked into the soil to limit exposure to storm water. Storage of fertilized will be inside or under cover. The contents of any partially used bags of fertilizer will be transferred to a properly labeled, sealable plastic bin or container to avoid spills. The contractor shall cause the location of any fertilizer product storage area on the site to be noted and indicated on the SWPPP drawing.

C. Paints/Solvents/Cleaning Compounds, Etc. - All containers will be tightly sealed and stored when not required for use. Drip pans will be provided, if appropriate. Excess materials will NOT be disposed or dumped on site, but will be properly disposed of according to manufacturer's instructions and/or Federal, State, and local regulations. The contractor shall cause the location of any paints/solvents/cleaning compounds, etc. storage areas on the site to be noted and indicated on the SWPPP drawing.

D. Concrete Trucks - Concrete trucks shall be allowed to wash out only in locations where the discharge will remain on-site, and in a manner that prevents contact with storm water runoff. It is not permissible to discharge concrete truck washout directly to streams or storm drains.

E. Mud/Sediment Offsite Tracking - Only the designated entrance(s) shall be used for contractor access to, and exit from, the site. The General Contractor will be responsible for keeping all mud and off-site tracking cleaned from the adjoining public road, on a daily basis if needed.

4. Spill Control Practices

The contractor is responsible for providing and maintaining a SPCC (Spill Prevention Control and Countermeasures) plan on site, as required by the regulations at 40 CFR 112. In addition to the good housekeeping and material management practices discussed in the previous sections of this plan, the following practices will be followed for spill prevention and cleanup:

A. Manufacturer's recommended methods for spill cleanup will be clearly posted, and site personnel will be made aware of the procedures and the location of the information and cleanup supplies. Refer to manufacturer's MSDSs.

B. Materials and equipment necessary for spill cleanup will be kept in a designated material storage area on site. The contractor shall cause the location of the spill clean up materials and equipment to be noted and indicated on the SWPPP drawing. Spill cleanup equipment and materials will include, but not be limited to, shovels, brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and/or metal trash containers specifically for this purpose, as applicable.

C. All spills will be cleaned up immediately after discovery and properly containerized for proper disposal. Burial on site is not acceptable and shall not be allowed.

D. The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.

E. Reportable quantities for spills of toxic or hazardous material will be promptly reported to the appropriate Federal, State and local government agencies, as required, including the McDonald County Local Emergency Planning Committee (LEPC) and others listed on the enclosed "Spill/Release Information and Reporting Form". Reportable quantities for oil and hazardous substances are found at 40 CFR 110, 117, and 302, and as stated in the Appendix of this plan. When permits are applicable, the permittee or his/her authorized representative is required to notify the MDNR Environmental Emergency Response in accordance with 40 CFR 117 and 40 CFR 302 as soon as they have knowledge of the discharge of any hazardous substance or petroleum product in excess of the reportable quantity. The MDNR emergency spills hot line is 1-573-634-2436. Copies of any and all reporting forms shall be provided to the owner of the project as soon as is practical.

F. The spill prevention, control and countermeasures plan and/or practices will be adjusted to include measures to prevent a spill event of this type from recurring, and how to clean up the spill if there is another one. A description of the spill, what caused it, and the cleanup measures taken will also be included.

G. The Environmental Manager will also be the spill prevention and cleanup coordinator unless the contractor arranges otherwise. He will designate other site personnel who will receive spill prevention and cleanup training, as required. The names of responsible spill personnel will be posted in the material storage area and in the office trailer on site, if one so exists.

VI. AIR EMISSIONS

1. Burning: Any burning on the site may require a permit from the MDNR. For guidance, contact the MDNR Southwest Regional Office in Springfield at (417) 891-4300 or the MDNR Air Pollution Control Program, Jefferson City at (573) 751-4817. County and/or city ordinances may also apply. It is the responsibility of the contractor to contact these governing bodies for guidance. Refer to Section III.2.A of this SWPPP for additional information relative to open burning at the site. An MDNR fact sheet relative to open burning is included in the Appendix.

2. Dust Control: The contractor is required by State law to control fugitive dust blown from the site. Dust can be minimized by stabilizing areas with mulch as soon as possible. Watering should be provided in unstabilized areas as needed for dust control. Contact MDNR for guidance, as needed, at the numbers listed above.

VII. AMENDING THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

The permittee, CITY OF JOPLIN, and the Contractor shall amend and update the SWPPP, as appropriate, during the term of the land disturbance activities. The permittee/contractor shall amend the SWPPP, at a minimum, whenever the:

1. Design, operation, or maintenance of Best Management Practice (BMP) structures and/or controls is changed or is deemed inadequate in controlling sediment;

2. Design of the construction project is changed that could significantly affect the quality of the storm water discharges;

3. Inspections indicate deficiencies in the SWPPP or any BMP used at the site;

4. MDNR notifies the permittee of deficiencies in the SWPPP;

5. The SWPPP is determined to be ineffective in significantly minimizing or controlling erosion and off-site sedimentation (e.g., there is visual evidence, such as excessive site erosion or excessive sediment deposits in receiving streams);

6. Non-Filterable Residues (NFR) from a storm water outfall exceeds 45 mg/l;

7. Total Settleable Solids from a storm water outfall exceed 2.5 ml/L/hr, unless the disturbed area is defined under, "Applicability to Valuable Resource Water". Settleable Solids from a storm water outfall in areas near Valuable Resource Water shall not exceed 0.5 ml/L/hr, as indicated in the permit issued by MDNR and/or;

8. MDNR determines violations of Water Quality Standards may occur or have occurred.

Based on the results of an inspection, the SWPPP must be modified as necessary to include additional or modified BMPs designed to correct problems identified. Revisions to the SWPPP must be completed within seven (7) calendar days following the inspection. Implementation of these additional or modified BMPs must be accomplished as soon as possible.

VIII. RETENTION OF RECORDS

The permittee, CITY OF JOPLIN, shall retain copies of the SWPPP and all reports required by this permit, and records of all data used to comply with this permit, for a period of at least three years from the date that the site is finally stabilized and the Notice of Termination is received from the MDNR. This period may be extended by request of the Director of MDNR at any time.

The permittee shall retain a copy of the SWPPP from the date of project initiation to the date of final stabilization, as required by the permit (including a copy of the permit), at the construction site (or other local location), and made available upon request by the MDNR Director, or his representative; or other state or local agency approving or inspecting sediment and erosion control plans, grading plans, or storm water management plans to ensure implementation of the SWPPP, or the operator of a municipal separate storm sewer system, if any, receiving discharges from the site; and representatives of the U.S. Fish and Wildlife Service or the National Marine Fisheries Service. The Permittee, or Contractor(s) with day-to-day operational control over SWPPP implementation shall have a copy of the SWPPP on-site or locally available at all times. A copy of the SWPPP, in its entirety, must be made available to the MDNR staff for review and copying at the time of an on-site inspection. All SWPPPs must be signed and certified, as required.

If an on-site location is unavailable to store the SWPPP when no personnel are present, a sign or other notice of the plan's location must be conspicuously posted near the main entrance of the construction site. If not feasible, the notice can be posted in a local public building, or public library. The sign or other notice must contain the following information:

1) A copy of the completed Application, as submitted to the MDNR Water Pollution Control Program; and

2) If the location of the SWPPP or the name and telephone number of the contact person for scheduling SWPPP viewing times has changed, the current location of the SWPPP and the name and telephone number of the person for scheduling viewing times must be stated.

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY
JOPLIN, MISSOURI
STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

CERTIFICATION

OWNER'S CERTIFICATION

I certify that, being an authorized representative of CITY OF JOPLIN, owner of the site, the information contained herein is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting (if required) false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: _____

Title: _____

Signature: _____

Date: _____

For: CITY OF JOPLIN
602 S Main Street
Joplin, Missouri, 64801
(417) 624-0820

CONTRACTOR'S CERTIFICATION

I certify under penalty of law, that I, being an authorized representative of the Contractor for the permittee, understand the terms and conditions of the National Pollutant Discharge Elimination System (NPDES) Storm Water Discharge General Permit issued by the Missouri Department of Natural Resources (MDNR) and this Storm Water Pollution Prevention Plan (SWPPP) and shall comply with all conditions of the SWPPP, and the Permit for authorized Storm Water Discharges Associated with Construction or Land Disturbance Activities as issued by the MDNR Water Pollution Control Program, and that any non-compliance with the general permit constitutes a violation of Chapter 644, Missouri Clean Water Law, and 10 CSR 20-6.200. Non-compliance may result in enforcement action, termination of this authorization, or denial of the permittee's request for renewal.

_____
Printed or Typed Name and Title

_____
Contractor's Representative Signature

_____
Date

For: _____
Contractor Name (Print)

_____
Contractor Address

_____
City/State

_____
Contractor Telephone Number

APPENDICES

A. ~~BMP Examples~~

~~Construction Site Entrance/Exit Information~~

~~Filter Fabric Silt Fence Example~~

~~Straw Bale Barrier Example~~

~~Storm Drain Inlet Structure Protection Example~~

~~Storm Water Outlet Structure Protection Example~~

B. Inspection and Maintenance Report Forms and Inspection Log Sheet

C. Weather Information Form

D. Changes Required to the SWPPP

E. List of Stabilized Areas Form

F. Major Grading Activities Report

G. Spill/Release Information and Reporting Form

H. Subcontractor Certification List and Subcontractor Certification Form

I. ~~MDNR Technical Bulletin – Response to Small Fuel Spills~~

J. ~~MDNR Fact Sheet – Open Burning Under Missouri Regulations~~

K. Notice of Intent (NOI)

L. Notice of Termination (NOT) Form H

M. City Wide National Pollutant Discharge Elimination System Storm Water Discharge General Permit

N. Drawings (Insert a copy into the back cover of this document)

APPENDIX B

INSPECTION AND MAINTENANCE REPORT FORM
and
INSPECTION LOG SHEET

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY

JOPLIN, MISSOURI

STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)
INSPECTION AND MAINTENANCE REPORT FORM
TO BE COMPLETED AT LEAST ONCE PER WEEK, PRIOR TO A KNOWN MAJOR STORM EVENT, AND WITHIN 24 HOURS OF A 0.5 INCH OR MORE RAINFALL EVENT

INSPECTOR: _____ DATE: _____
DAYS SINCE LAST RAINFALL: _____ AMOUNT OF THIS RAINFALL _____ INCHES

Storm Water Control (If applicable)	Condition	Repair Req'd		Comments (Attach additional Sheets if Necessary)	Date Repaired	Initials
		Yes	No			
Site Entrance/Exit(s)				See Below		
Filter Fabric Fences						
Straw Bales						
Seeded Areas						
Top Soil Stockpile(s)						
Material Storage Areas						
Portable Toilet(s)						
Waste Container(s)						
Fuel Storage						
Outfall #001						
Outfall #002						
Outfall #003						
Others-List on P. 4						

STABILIZED CONSTRUCTION SITE ENTRANCE

Does Sediment Get Tracked on to Road?	Is the Rock Clean or is it Filled with Sediment?	Does All Traffic Use the Stabilized Entrance to Enter and Leave the Site?	Is the Culvert (if installed) Beneath the Entrance Working?

Describe Maintenance Required to the Stabilized Construction Entrance: _____

_____

_____

_____

_____

_____

Continued on Reverse Side

SEDIMENT BASIN (S)

Depth of Sediment Basin	Condition of Basin Side Slopes	Any Evidence of Overtopping of the Embankment	Condition of Outfall from Sediment Basins
N/A			

Describe Maintenance Required for the Sediment Basins: _____

_____

☐ If this box is checked, I hereby certify that this inspection did not identify any incidents of non-compliance and that the facility is in compliance with the permit and the SWPPP.

CERTIFICATION:

Qualified personnel must conduct all inspections. "Qualified Personnel" means a person knowledgeable in the principles and practice of erosion and sediment controls who possesses the skills to assess conditions at the construction site that could impact storm water quality and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction activity. I certify under penalty of law that I am qualified to properly gather and evaluate the information submitted and that 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 known violations.

Signature: _____ Date: _____

Printed Name: _____ Contractor: _____

Address: _____ City/State: _____

All Maintenance Items Required and Described above are:

To be performed by: _____ On or Before: _____

Signature: _____ Date: _____

Date Repaired: _____ By: _____

List of Items Repaired: _____

_____

Signature: _____ Contractor: _____

Printed Name: _____ Date: _____

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY
JOPLIN, MISSOURI

STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)
INSPECTION AND MAINTENANCE REPORT FORM

CERTIFICATION:

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 this SWPPP 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 known violations.

Signature: _____ Date: _____

Printed Name: _____ Phone: _____

Contractor: _____ Address: _____

City/State: _____

Report Submitted to and Received by Owner (Permittee), CITY OF JOPLIN, Joplin, Missouri.

Date: _____

Submitted by: _____
Printed Name – For the Contractor

Signature: _____

Contractor: _____

Date: _____

Received by: _____
Printed Name – CITY OF JOPLIN

Signature: _____

NOTE: All inspection and maintenance report forms shall be retained by the owner for at least three years from the date the site is finally and permanently stabilized, and permit coverage expires or is terminated. This period may be extended by the request of MDNR at any time.

# of additional sheets attached = _____

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY
JOPLIN, MISSOURI

STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)
INSPECTION LOG SHEET

REGULARLY SCHEDULED INSPECTIONS SHALL BE AT A MINIMUM OF ONCE PER WEEK,
PRIOR TO A KNOWN MAJOR STORM EVENT, AND
WITHIN 24 HOURS OF A 0.5 INCHES OR MORE RAINFALL EVENT

DATE OF INSPECTION	ANY BMPs NEED MAINTENANCE? YES/NO	INSPECTORS NAME

Note: To be completed along with each INSPECTION AND MAINTENANCE REPORT

APPENDIX C

WEATHER INFORMATION FORM

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY
JOPLIN, MISSOURI

STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)

CONSTRUCTION SITE WEATHER INFORMATION DATA

DATE	PRECIPITATION START TIME	PRECIPITATION END TIME	AMOUNT (INCHES)	DISCHARGE AT OUTFALLS? YES (#) / NO	INITIALS

Date: _____ Date: _____

Submitted by: _____ Received by: _____
Printed Name – Contractor Representative Printed Name – CITY OF JOPLIN Representative

Signature: _____ Signature: _____

APPENDIX D

CHANGES REQUIRED TO THE SWPPP

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY

JOPLIN, MISSOURI

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

CHANGES REQUIRED TO THE SWPPP

CHANGES REQUIRED: _____

_____

_____

_____

_____

REASONS FOR CHANGES: _____

_____

_____

_____

_____

Date Changes Made to SWPPP: _____

Date Changes Implemented at the Site: _____

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 known violations.

Number of Additional Pages Attached: _____

Printed Name: _____ Company: _____

Signature: _____ Date: _____

Date Received by CITY OF JOPLIN: _____

Received by: _____ Signature: _____

Printed Name – CITY OF JOPLIN Representative

APPENDIX E

LIST OF STABILIZED AREAS

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY
JOPLIN, MISSOURI

STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)

LIST OF STABILIZED AREAS

DESCRIPTION OF AREA WHERE FINAL STABILIZATION HAS BEEN ACHIEVED	DATE STABILIZED /INITIALS

INITIALS _____ NAME _____
INITIALS _____ NAME _____

APPENDIX F

MAJOR GRADING ACTIVITIES REPORT FORM

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY
JOPLIN, MISSOURI

STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)

MAJOR GRADING ACTIVITIES REPORT

GRADING START DATE	**GRADING END DATE**	**LOCATION ¼, ¼, SECTION, TWP, RGE or AREA DESCRIPTION**	**STABILIZATION MEASURES INITIATED YES/DATE ---------NO**

Date: _____ Date: _____

Submitted by: _____ Received by: _____
Printed Name – Contractor Printed Name – CITY OF JOPLIN Representative

Signature: _____ Signature: _____

APPENDIX G

SPILL/RELEASE INFORMATION AND REPORTING FORM

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY

JOPLIN, MISSOURI

SPILL/RELEASE INFORMATION AND REPORTING FORM

1. Basic description of the spill/release, including causes, if known:

_____

_____

_____

_____

_____

_____

(If additional space is required, attach additional sheets.)

2. Chemical Name of Material Spilled: _____
3. Listed CERCLA Hazardous Substance? Yes ___ No ___
4. Listed EPCRA Extremely Hazardous Substance? Yes ___ No ___
5. Oil? Yes ___ No ___
6. Quantity Spilled (exclude water): _____
7. Date and Time of Spill: _____
8. Duration of Spill: _____
9. Spill Went to: Water: _____ Land: _____ Air: _____
10. Any known or anticipated acute or chronic health risks associated with the spill and, where appropriate, advice regarding medical attention necessary for exposed individuals.

_____

_____

_____

_____

11. Proper precautions to take as a result of the release, including evacuation (unless such information is readily available to the community emergency coordinator pursuant to the emergency plan).

_____

_____

_____

_____

1. Spill Reported By: _____

   Date: _____

   Spill Reported to: _____

_____

_____

SEE REVERSE SIDE OF FORM FOR REPORTING REQUIREMENTS

REPORTABLE QUANTITIES FOR OIL
AND HAZARDOUS SUBSTANCES ARE FOUND AT
40 CFR Part 110, 40 CFR Part 117, & 40 CFR Part 302

In accordance with the Missouri Department of Natural Resources (MDNR), Division of Environmental Quality, a Release and a Reportable Release of Petroleum Products are defined as follows:

Release: Any loss of petroleum product to the environment is considered a release. This definition includes, but is not limited to, any spilling, leaking, emitting, discharging, escaping, leaching, or disposing from a storage tank into ground water, surface water, surface or subsurface soils.

Reportable Release: A petroleum product release greater than fifty (50) gallons, or spills and/or overfills of petroleum product from an underground storage tank that result in a release to the environment that exceeds twenty-five (25) gallons, or any release that causes a sheen on nearby surface water; and a spill or overfill of a hazardous substance that results in a release to the environment that equals or exceeds its reportable quantity under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 is a reportable release and must be reported to the MDNR within twenty-four (24) hours. Soil contamination levels of TPH =/>50 parts per million (ppm), BTEX =/>1.0 ppm, benzene =/>0.5 ppm, or MTBE =/>60 ppm is also considered to be evidence of a reportable "release" of petroleum products.

Formal reporting of a Reportable Release shall be as follows:

MDNR – Environmental Emergency Response Unit – (573) 634-2436 (Follow MDNR instructions)
National Response Center – 1-800-424-8802
MDNR – Southwest Regional Office – (417) 891-4300
MDNR – Jefferson City – (573) 751-3176
CITY OF JOPLIN – David Hertzberg, P.E., Public Works Director – 417-624-0820
McDonald County Local Emergency Planning Committee, Pineville, MO – 417-223-4319
White Rock Fire Protection District – Emergency 911 – Non-Emergency 417-223-4318

All spills reported by telephone shall be reported in writing within 24 hours by the responsible party, and submitted to the MDNR Environmental Emergency Response Unit, or as directed by the Agency, with copies submitted to Mr. David Hertzberg, P.E., Public Works Director, CITY OF JOPLIN.

Circumstances (causes) leading to the release:

_____

_____

_____

Steps taken to prevent recurrence of the release:

_____

_____

_____

Date SWPPP modified to reflect the release and prevent similar future release: _____

Printed Name: _____

Signature/Title: _____

Organization: _____

APPENDIX H

SUBCONTRACTOR CERTIFICATION LIST
and
SUBCONTRACTOR CERTIFICATION FORM

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY
JOPLIN, MISSOURI

STORM WATER POLLUTION PREVENTION PLAN
(SWPPP)

SUBCONTRACTORS CERTIFICATION LIST

SUBCONTRACTOR	ADDRESS	DATE SIGNED

CITY OF JOPLIN

PROJECT NAME: _____

JASPER/NEWTON COUNTY
JOPLIN, MISSOURI

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

SUBCONTRACTORS CERTIFICATION

SUBCONTRACTORS CERTIFICATION

I certify under penalty of law, that I, being an authorized representative of the Subcontractor for the permittee, understand the terms and conditions of the National Pollutant Discharge Elimination System (NPDES) Storm Water Discharge General Permit issued by the Missouri Department of Natural Resources (MDNR) and this Storm Water Pollution Prevention Plan (SWPPP) and shall comply with all conditions of the SWPPP, and the Permit for authorized Storm Water Discharges Associated with Construction or Land Disturbance Activities as issued by the MDNR Water Pollution Control Program, and that any non-compliance with the general permit constitutes a violation of Chapter 644, Missouri Clean Water Law, and 10 CSR 20-6.200. Non-compliance may result in enforcement action, termination of this authorization, or denial of the permittee's request for renewal.

_____
Printed or Typed Name and Title

_____
Subcontractor's Representative Signature

_____
Date

For: _____
Subcontractor Name (Print)

_____
Subcontractor Address

_____
City/State

_____
Subcontractor Telephone Number

APPENDIX K

NOTICE OF INTENT (NOI)

NOTICE OF INTENT (NOI)

for Discharge of Stormwater Runoff from Construction Activities

PROJECT NAME: _____

PROJECT No.: _____

JASPER/NEWTON COUNTY
JOPLIN, MISSOURI

The Missouri Department of Natural Resources has issued a General Operating Permit (No. **MOR100050**) to the City of Joplin, which authorizes city-wide land disturbance activities. The City has chosen to apply this permit and authorization to the above referenced project.

The undersigned Contractor agrees to act as the City's agent for the Storm Water Pollution Prevention Plan (SWPPP). The Contractor shall perform all documentation, inspection and maintenance of erosion control BMP's, in full conformity with the requirements of the City's General Operating Permit, for the duration of the project.

The City will monitor SWPPP documentation during the construction process. The Contractor shall turn over all SWPPP documentation to the City at the completion of construction.

Anticipated project Start Date: _____, and Completion Date: _____

Estimated total area to be disturbed: _____ acres Total area of the site: _____ acres

Contractor Representative: _____ Date: _____
Name, Title

City Representative: _____ Date: _____
Name, Title

APPENDIX L

NOTICE OF TERMINATION (NOT)

FORM H

APPENDIX M

CITY WIDE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER DISCHARGE GENERAL PERMIT

Missouri Department of NATURAL RESOURCES
dnr.mo.gov
Eric R. Greitens, Governor
Carol S. Comer, Director

SEP 1 2017

City of Joplin
602 South Main Street
Joplin, MO 64801

Dear City of Joplin:

Enclosed please find your Missouri State Operating Permit which authorizes land disturbance activities for City of Joplin. This permit has been issued at your request and is based upon information submitted in your application to the Missouri Department of Natural Resources.

Please note that prior to the beginning of land disturbance activities other permits may also be required. Especially note the requirements for a Department 401 Water Quality Certification (WQC) and the U.S. Army Corps of Engineers (USACE) 404 permit. A 401 Certification is needed when placing material, or fill into the jurisdictional waters of the United States. Examples are culverts under road crossings, riprap along stream banks and stormwater outfall pipes. The term 'jurisdictional waters' refers to large lakes, rivers, streams and wetlands, including those that don't always contain water.

The permitting and certification process is shared between the Department and the USACE. More details can be found at the USACE's website at http://www.usace.army.mil/. Some of these activities are also described on Page 2, Item 3 of the enclosed permit.

This permit contains several requirements and should be thoroughly read and understood by you. If your permit requires environmental monitoring, copies of the necessary forms have been enclosed. In all future correspondence regarding your permit, please reference your permit number as shown on Page 1 of the permit.

If you would like to schedule a Compliance Assistance Visit (CAV), you can contact your local regional office (https://dnr.mo.gov/regions/) or by filling out a Compliance Visit Request on the Department's webpage (https://dnr.mo.gov/cav/compliance.htm). During a CAV, a Department representative will come to the facility to meet with the person requesting the visit. In general, the Department representative will look at the aspects of the facility requested, go over any requirements, answer questions, offer suggestions and discuss any issues they see that need to be addressed. Upon completion of such a visit, recommendations, if applicable, will be made regarding operations or regulatory compliance.

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If you were adversely affected by this decision, you may be entitled to an appeal before the Administrative Hearing Commission (AHC) pursuant to 10 CSR 20-1.020 and Section 621.250, RSMo. To appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC. Contact information for the AHC is: Administrative Hearing Commission, United States Post Office Building, 3rd Floor, 131 West High Street, P.O. Box 1557, Jefferson City, MO 65102, Phone: 573-751-2422, Fax: 573-751-5018, and website: www.oa.mo.gov/ahc.

Please be aware this facility may also be subject to any applicable county or other local ordinances or restrictions.

Sincerely,

WATER PROTECTION PROGRAM

Chris Wieberg

Chris Wieberg
Director

CW/vs

Enclosure

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES
MISSOURI CLEAN WATER COMMISSION

MISSOURI STATE OPERATING PERMIT

General Operating Permit

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92nd Congress) as amended,

Permit No	MOR100050
Owner: Address:	CITY OF JOPLIN 602 S. MAIN STREET JOPLIN, MO 64801
Continuing Authority:	CITY OF JOPLIN 602 S. MAIN STREET JOPLIN, MO 64801
Facility Name: Facility Address:	CITY OF JOPLIN 602 S. MAIN STREET JOPLIN, MO 64801
Legal Description:	Sec. 03, T27N, R33W, Jasper County
UTM Coordinates:	365478.661/4105416.450
Receiving Stream:	Tributary to Joplin Creek (U)
First Classified Stream - ID#:	8-20-13 MUDD V1.0 (C) 3960.00
USGS# and Sub Watershed#:	11070207 - 0901

is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein.

FACILITY DESCRIPTION All Outfalls SIC #1629

All Outfalls - Construction or land disturbance activity (e.g., clearing, grubbing, excavating, grading, filling and other activity that results in the destruction of the root zone and/or land disturbance activity that is reasonably certain to cause pollution of waters of the state)

This permit authorizes only wastewater, including storm water, discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System, it does not apply to other regulated areas. This permit may be appealed in accordance with RSMo Section 644.051.6 and 621.250, 10 CSR 20-6.020, and 10 CSR 20-1.020.

September 01, 2017
Issue Date

Edward B. Galbraith
Edward B. Galbraith, Director
Division of Environmental Quality

June 22, 2022
Expiration Date

Chris Wieberg
Chris Wieberg, Director
Water Protection Program

APPENDIX N

DRAWINGS