

Applied Ecological Services, Inc.

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Specialists in Environmental Management and Research

BURN PLAN FOR South Milwaukee High School

DATE: April 7 - 15, 2012

This period is preferred to coincide with no school

LOCATION: 901 15th Avenue South Milwaukee, WI 53172

SITE CONDITIONS:

AREA 1 All Prairie Areas East of 15th Avenue

Temperature: 36-75 degrees F

Relative Humidity: 25-65%

Vent Rate: Very Good/Excellent

General Wind Speed: 5-20 mph

Wind direction: N, NW, W

AREA 2 All Prairie Areas West of 15th Avenue

Temperature: 36-75 degrees F

Relative Humidity: 25-65%

Vent Rate: Very Good/Excellent

General Wind Speed: 5-20 mph

Wind direction: NE, E, SE

AREA 3 T & E Snake, North East Preserve

Temperature: 36-45 degrees F

Relative Humidity: 25-65%

Vent Rate: Very Good/Excellent

General Wind Speed: 5-20 mph

Wind direction: NE, E, SE

Soil Temperature: Less than 10 degrees Celcius

EQUIPMENT:

Four-wheel drive truck with 250 gal water tank and pump

1 cellular phone per crew member

1 hand radio per crew member

1 Nomex Fire Retardant Suit per crew member

8 backpack fire pumps 4 gallon

2 chain saws

2 swatters,

8 rakes,

2 power trimmers'

1 fire weather kit

45 gal. ATV water tanks

2 leaf blowers

4 drip torches

2 flappers

METHODS:

Weather conditions will be monitored and will be the basis for conducting this burn to achieve a burn that consumes at least 80% of the dead vegetation and does not cause an issue with the smoke generated. Generally this site has two burn areas, east and west of 15th avenue. Each area has numerous sub areas that will be burned. Smoke ahead signs will be posted along 15th to warn traffic. We are not planning on controlling traffic as this burn will not cause a visibility issue for traffic. We will coordinate with the School District and send out neighborhood notification postcards that will have general information about the burn. Crowd control is typically not need, however depending on the situation we will keep the public out of harms way while conducting our work.

Firebreaks will be mowed if needed around the perimeter of the burn unit using a handheld trimmer or a tractor driven mower. A test fire will be conducted to determine smoke dispersion and burn conditions. The fire will be lit and controlled with ATV sprayers and handheld equipment. After the fire is out, mop-up will be completed, equipment collected, and a final check of the area will be done.

SPECIAL CONCERNS:

A test fire will be used to confirm that smoke will not limit visibility on any roadways. If there is a wind shift to an unfavorable direction or weather conditions change, the burn will be extinguished. A cellular phone will be available for immediate contact with the local fire dispatcher.

NOTIFICATIONS:

Shift Commander	S. Milwaukee Fire Dept	414-768-8191 call day of burn
Dispatch	S Milwaukee Police	414-768-8060 call day of burn
Dispatch	Milwaukee County Sheriff	414-278-4700 call day of burn
Blaise Paul	S Milwaukee School Dist.	414-766-5027 call day of burn

BURN CREW PERSONNEL: (Each crew will be made up of 3 to 6 persons from the following list):

Burn Coordinator: Kim Garske 608-897-8641 ext 54

	YEARS	CERTIFICATION LEVEL		YEARS	CERTIFICATION LEVEL
Aaron Kubichka**	16	NWCG S-130/190/234/290/390/410	Joshua LaPointe	9	NWCG S-130/190/230
John Ochsner**	35	NWCG S-390, WPE Instructor	Joshua Kraemer	6	NWCG S-130/190/290
Chuck Campbell**	8	NWCG S-130/190/290/390	Alex Solawetz	4	I180/S211/S215/FI110/S212/S131
Andrew Buss	6	NWCG S-130/190/290/212/390	Nate Gingerich	6	NWCG S-130/190/290
Matt Stone	11	NWCG S-130/190			
Dan Walker	5	NWCG S-130/190/290			
Tanya Bueter	3	NWCG S-130/190			
Kristin Knoener	11	NWCGS-130/190/290/390			

** denotes Team Leaders

NWCG= National Wildfire Coordinating Group; WPE/TNC= Classroom and field training conducted for the Wisconsin Chapter of The Nature Conservancy by the Wisconsin Prairie Enthusiasts. AES= Completed one day burn class under certified instructor at Applied Ecological Services