December 29, 1997

MEMORANDUM

TO: Orville D. Green, Assistant Administrator
Air & Hazardous Waste

FROM: Susan J. Richards, Chief
Air Quality Permitting Bureau

SUBJECT: Issuance of Modified Tier II Operating Permit #017-00004 to L.D. McFarland Company (Sandpoint)

PURPOSE

The purpose of this memorandum is to satisfy the requirements of IDAPA 16.01.01 Sections 400 through 406 (Rules for the Controls of Air Pollution in Idaho) for issuing Operating Permits.

PROJECT DESCRIPTION

This project is for the issuance of a modified Tier II Operating Permit (OP) for the L.D. McFarland Company facility located in Sandpoint, Idaho. The modification increases allowable production. Emission point sources existing at the facility are as follows: one (1) boiler, and one (1) cyclone vent. Fugitive emission sources found at the facility consist of a pole peeler, and paved and unpaved roads and surfaces.

SUMMARY OF EVENTS

On July 7, 1995, L.D. McFarland Company was issued Tier II OP #017-00004 to implement PM_{10} emission controls representing reasonably available control technologies or methods (RACT/RACM). On October 16, 1997, DEQ received a letter from L.D. McFarland requesting a modification of the Tier II OP, consisting of an increase in allowable production. On November 6, 1997, additional information was requested by DEQ to complete the modification analysis. On November 17, 1997, DEQ received payment of $500.00 for the Tier II permit application fees required by IDAPA 16.01.01.470. On November 20, 1997, DEQ received a letter dated November 17, 1997, containing additional information for the project and the responsible official's certification of the submitted information. On November 26, 1997, L.D. McFarland's application was declared complete.

RECOMMENDATIONS

Based on the review of the Tier II OP application, applicable state and federal regulations concerning the permitting of air pollution sources, and the requirements of the Sandpoint PM_{10} SIP, the Bureau recommends that L.D. McFarland Company be issued a modified Tier II OP #017-00004. The facility has been notified in writing that the obligation to pay permit application fees for this project has been satisfied.

ODG\SJR\DAM:jrj...\ldmcfarland\ldmac-m.ISS

cc: G. Burr, Coeur d'Alene Regional Office
OP File Manual
Source File
COF

December 29, 1997

MEMORANDUM

TO: Susan J. Richards, Chief
Air Quality Permitting Bureau
Air & Hazardous Waste

FROM: Darrin A. Mehr, Air Quality Engineer DAM.
Air Quality Permitting Bureau
Operating Permits Section

SUBJECT: Technical Analysis for Modification of Tier II Operating Permit #017-00004 (L.D. McFarland Company); Sandpoint

PURPOSE

The purpose of this memorandum is to satisfy the requirements of IDAPA 16.01.01.401.03(a) of the Rules for the Control of Air Pollution in Idaho (Rules) for the issuance of operating permits.

FACILITY DESCRIPTION

L.D. McFarland Company (McFarland) treats wooden poles with a heated chemical preservative for protection against moisture and insect damage.

Haul trucks deliver raw logs to the facility. The logs are unloaded and either stored for a short period of time or are immediately debarked and trimmed to a relatively uniform surface by a peeling operation. Some poles are received in a peeled condition. The woodwaste is composed of chips and bark that is transferred pneumatically through duct work to a cyclone located near the top of a wigwam woodwaste burner. The wigwam burner is currently used as a temporary storage container for the peeler woodwaste, which is transported by front end loader to haul trucks for transport off-site. The wigwam burner has been rendered inoperable for the combustion of woodwaste. When the wigwam burner shell's storage capacity is exceeded, a temporary outdoor storage pile is created by diverting the woodwaste stream. The woodwaste is transported off-site by haul trucks.

Emissions from these sources include fugitive PM (particulate matter) and PM_{10} (particulate matter with a mean aerodynamic diameter of 10 microns or less) resulting from the pole peeling operation and vehicle traffic on paved and unpaved surfaces. Point source PM and PM_{10} are emitted from the cyclone vent.

The peeled poles are sorted and carried by Pettibone haulers to the appropriate storage bin, where they air dry to the desired moisture content. After storage, Pettibones transport the poles to a framing skid for any of the following operations: drilling for fasteners, having the top of the pole cut at an angle, and incising with roller knives. The poles are now ready to be placed in any of three tanks holding a heated solution of ninety-five percent (95%) oil and five percent (5%) pentachlorophenol. The heat is supplied to the tanks by a natural gas-fired steam boiler. Once the treatment process is completed, cranes remove the poles from the tanks and place them on a drip pad for temporary storage. Pettibones transport these treated poles to either a temporary on-site storage area or to haul trucks for transport off-site.

Emissions from these processes include fugitive PM and PM_{10} emissions from Pettibone and truck travel on unpaved and paved surfaces. Combustion of natural gas in the boiler creates criteria pollutant emissions consisting of PM_{10}, NO_x, SO_2, CO, and VOCs.

PROJECT DESCRIPTION

L.D. McFarland requested that the facility's allowable production throughput be increased to 1,550,000 cubic feet per year (ft^3/yr). The facility operates under the requirements of Tier II Operating Permit (OP) #017-00004, issued under the requirements of the Sandpoint Area Particulate Matter (PM_{10}) Air Quality Improvement Plan (SIP). The permit originally limited production throughput to 1,003,400 ft^3/yr.

SUMMARY OF EVENTS

July 7, 1995: McFarland Company was issued Tier II OP #017-00004 to implement PM_{10} emission controls representing reasonably available control technologies or methods (RACT/RACM) as required by EPA Region X to maintain a "moderate" nonattainment designation for the Sandpoint PM_{10} nonattainment area.

October 16, 1997: McFarland letter requesting a modification of Tier II OP #017-00004 received.

November 6, 1997: Additional information requested from L.D. McFarland by DEQ to complete the modification analysis.

November 17, 1997: DEQ receives payment of $500.00 for the Tier II permit application fees required by IDAPA 16.01.01.470.

November 20, 1997: DEQ receives a letter dated November 17, 1997, that contained additional information for the project and the responsible official's certification of the submitted information.

November 26, 1997: McFarland's application declared complete. Assumptions that DEQ would use to analyze the project was reiterated, including the need for a "worst case" hourly pentachlorophenol emission rate resulting from the change in operation of the facility with the requested increase in production.

SOURCES

1) Tier II OP #017-00004 and Technical Memorandum, dated July 7, 1995.

2) DEQ Emission Factor Guide for Wood Industry, 1/8/97 version.

3) Modification request materials supplied by L.D. McFarland Company: letter dated October 9, 1997, and received October 16, 1997, and a letter dated November 20, 1997, and received November 20, 1997.

DISCUSSION

1. Emission Limits

SIP Issues
The modeling exercise for the 1995 SIP attainment demonstration was performed to demonstrate the attainment of the 24 hour PM_{10} ambient air quality standard of one hundred and fifty (150) micrograms per cubic meter ($\mu g/m^3$), and did not model emissions to demonstrate attainment of the fifty (50) $\mu g/m^3$ annual PM_{10} standard. The attainment demonstration was based upon modeling short term emission rates for the worst case twenty-four (24) hour period.

This project provides the demonstration of compliance with the *significant contribution* levels established by IDAPA 16.01.01.006.89(d), for PM_{10} emission increases within a PM_{10} nonattainment area. In the event the proposed modification does not meet the allowable contribution increase(s), the 1995 SIP inventory must be formally modified and undergo the public comment process prior to resubmittal to EPA. In the event the project complies with the significant contribution limits, the only requirement for maintaining the validity of the SIP is the submittal of an addendum detailing the changes made to the RACT/RACM measures with the requested modification.

PM_{10} Emissions
The PM_{10} emission inventory has been modified to incorporate the following:

- Increased annual production reflecting 155% of that allowed in the original permit, as requested by McFarland;
- State of Idaho DEQ approved emission factors for the wood products industry;
- Correction of various errors and assumptions: the paved surface emission factor calculation; hours of operation of the woodwaste cyclone; an increase in annual allowable natural gas usage to reflect an entry in the original SIP emissions inventory spreadsheet; and an increase in annual gaseous pollutant emissions for the natural gas boiler;

- An increase in vehicle miles traveled (VMT) on paved surfaces due to additional paving performed by McFarland, and an overall increase in VMT reflecting the production increase.

McFarland requested that the facility's allowable annual production be increased to 1,550,000 cubic feet per year (ft^3/yr) of finished poles. Hours of operation are not expected to increase to accommodate the production increase. Therefore, the original SIP analysis did not determine the maximum capacity of the process as was originally intended in 1995, and both hourly and annual emissions may have been affected.

The emission factor for the log peeling operation was reduced to 0.011 lb PM_{10}/ton of logs processed, using the *DEQ Emission Factor Guide for Wood Industry*, January 1997. Annual emissions for log peeling are based on requested throughput, and not hours of operation. Thus, hourly emissions decreased, and annual emissions increased slightly with the production increase.

An assumption used in the original SIP inventory for the wigwam burner cyclone's annual emission limit was re-examined. The pole peeler and the cyclone operation are directly related, and so should the emission limits. The pneumatic transport system, which is equipped with a cyclone at the top of the wigwam burner shell, moves the entire quantity of woodwaste generated by the log peeler. The original permit's annual emission limit was based on 4992 hours of operation. The annual limit has been revised to reflect hours of operation that are consistent with the operation of the log peeler and the enforceable production limit. Potential annual PM_{10} emissions decreased from 2.0 T/yr to 1.07 T/yr. This change will be reflected in permit's Appendix A emission limits.

Originally, the 1995 SIP emission inventory and permit included an annual natural gas limitation of 33.55 million cubic feet per year (MM ft^3/yr) for the natural gas boiler, which equated to 4992 hours of operation at rated fuel usage. This limitation was applied to the criteria gaseous pollutants of nitrogen oxides (NO_x), sulfur oxides (SO_x), carbon monoxide (CO), and volatile organic compounds (VOCs). The natural gas fuel usage in the PM_{10} portion of the inventory was listed at 50.32 MM ft^3/yr, or 7488 hours per year at rated firing capacity. NO_x, SO_x, CO, and VOC emissions were recalculated using 50.32 MM ft^3/yr, and the allowable annual emissions in Appendix A and of the permit have been modified accordingly for all pollutants. Permit Condition 3.1 on Page 6 of 13 has been altered to reflect the 50.32 MM ft^3/yr of natural gas limitation.

An error in the listing of units for the diameter of the natural gas boiler stack was noted, and will be altered during this permit modification. The word "square" was deleted in Permit Condition 1.3 on Page 5 of 13 - Equipment Specifications, and now reads "...stack diameter of 0.6 meters."

Fugitive PM_{10} emissions from Pettibone and truck traffic were increased by 155% to reflect increased production capacity. McFarland submitted a partial map of the facility depicting newly paved areas. These areas were not required to be paved by any other SIP or permit requirement. The supplied map was compared to a detailed map in McFarland's file, and a factor of thirty percent (30%) additional paved VMT was applied to the inventory's increased vehicle travel. In addition, an error was found in the original spreadsheet calculation that determined the emission rate of PM_{10} per vehicle mile traveled. The error was corrected, which resulted in lower emissions per VMT. The result for vehicle traffic was a net decrease in hourly fugitive PM_{10} emissions and a slight increase in annual PM_{10} emissions.

The end result of the editing the PM_{10} inventory is a net decrease in hourly emissions of 0.075 lb/hr and a decrease in in annual PM_{10} emissions of 0.86 lb/hr. The resulting decrease in overall emissions negates the need for an ambient impact modeling demonstration to approve the modification.

PM_{10} Emission Inventory Summary

	Decreased Emissions		Increased Emissions	
Emission Source	*lb PM_{10} / hr*	*Ton PM_{10} / yr*	*lb PM_{10} / hr*	*Ton PM_{10} / yr*
Pole Peeler	N/A	0.061	-0.033	N/A
Wigwam Burner Cyclone	N/A	N/A	N/A	-0.934
Vehicle Fugitives	N/A	0.012	-0.042	N/A

where "N/A" means not affected by the revised analysis.

Pentachlorophenol Emissions
Emissions of pentachlorophenol are expected to increase with the increased production. Pentachlorophenol (CAS 87-86-5) is a non-carcinogenic toxic air pollutant (TAP) listed in IDAPA 16.01.01.585. Compliance with IDAPA 16.01.01.210 was checked for the substance. No additional analysis is required if the worst case uncontrolled emission rate is less than the screening emission limit that is listed in IDAPA 16.01.01.585. The pound per hour (lb/hr) emission limit listed by IDAPA 16.01.01.585 is 0.033 lb/hr. McFarland submitted and certified a value of 0.0026 lb/hr as an estimate of the potential increase in pentachlorophenol emissions. This value is approximately eight percent (8%) of the screening limit. Therefore, no additional analysis was performed. No limitations for pentachlorophenol will appear in the permit.

2. Modeling

No modeling of PM_{10} emissions was performed for this project because overall hourly and annual PM_{10} emissions are predicted to decrease slightly. An increase in PM_{10} emissions would necessitate modeling against the *significant contribution* increments of 1.0 microgram per cubic meter ($\mu g/m^3$) for the annual standard, and 5.0 $\mu g/m^3$ for the twenty-four (24) hour standard.

Pentachlorophenol emissions were not modeled because the increase in maximum worst case hourly emissions (as provided and certified by McFarland Company) are only eight percent (8%) of the 0.033 pound per hour (lb/hr) screening standard listed in IDAPA 16.01.01.585. Modeling of potential impacts is not required for emission rates that are below the levels listed in Section 585.

3. Area Classification

McFarland is located in the Sandpoint PM_{10} nonattainment area, in Bonner County. The area is designated as attainment or unclassifiable for all other criteria pollutants.

4. Facility Classification

McFarland is a not a major source as defined by IDAPA 16.01.01.008.14. McFarland is not a designated facility, as defined in IDAPA 16.01.01.006.25.

5. Regulatory Review

The facility is subject to the following permitting requirements:

a)	IDAPA 16.01.01.210	Demonstration of Preconstruction Compliance with Toxic Standards.
b)	IDAPA 16.01.01.401.03(a)	Tier II Operating Permit Required for Attainment of a National Ambient Air Quality Standard.
c)	IDAPA 16.01.01.403	Permit Requirements for Tier II Sources.
d)	IDAPA 16.01.01.404.04	Permit Revision or Renewal.
e)	IDAPA 16.01.01.406	Obligation to Comply.
f)	IDAPA 16.01.01.470	Permit Application Fees for Tier II Permits.
g)	IDAPA 16.01.01.625	Visible Emissions Opacity Restrictions.
h)	IDAPA 16.01.01.650	General Rules for the Control of Fugitive Dust.

i) IDAPA 16.01.01.677 — Particulate Matter Standards for Minor and Existing Fuel Burning Equipment Sources.

RECOMMENDATIONS

Based on a review of the information provided by McFarland and the requirements of the Rules for the Control of Air Pollution in Idaho, the Bureau recommends that DEQ issue McFarland a modified Tier II OP to allow for increased production capacity. Emission limits should be incorporated as listed in Appendix B of this memorandum. The relevant pages of the permit have been altered as necessary, and are also included in Appendix B. The AIRS AFS information has been updated to reflect the modification, and is located in Appendix C.

A public comment period is not required for this permitting action. A public hearing is not required for this permitting action. DEQ's Technical Services Bureau will submit an addendum to the Sandpoint PM_{10} Nonattainment Area SIP describing the effects of the permit modification on the attainment demonstration and PM_{10} emission control strategy. A formal SIP revision will not be required.

McFarland has already submitted the $500.00 payment for the application fee required by IDAPA 16.01.01.470.

SJR\DAM:jrj...\mcfarland\mcfar-m.TAM

cc: G. Burr, Coeur d'Alene Regional Office
M. McGown, Technical Services Bureau, DEQ Central Office
Source File
COF

APPENDIX A

L.D. McFarland Company
Emissions Inventory

PM_{10} Emission Inventory for L.D. McFarland Company, Sandpoint, ID.

Company: L.D McFarland Pole Company.
Mailing Address: P.O. Box 1358
City/State/Zip: Sandpoint, Idaho 83864

Emission Inventory Projection

Maximum Capacity of Operations

The vats are the rate limiting piece of process equipment at the plant. A typical average weight of 0.6532 tons/pole is utilized in this calculation. This average weight is obtained by assuming all the poles to be Barkle Poles, which is a worst case scenario. This throughput limitation has been accepted by L.D. McFarland as an acceptable upper limit for their production levels in future years.

Maximum Throughput based on Modification Request (lower scaling)	Units	Requested Annual Production Level (cubic feet/year)	Annual Hours per year	Annual number of Seasoned poles through vats	Units	Seasoned pole Throughput through vats	Units
10.8	poles/hour	1,550,000	4,992	52,031	poles/yr	34,013	tons/yr

Capacity Derivation:

The maximum capacity is derived based on an assumption of maximum of 16 hour/day, 6 days/week and 52 weeks/ year, which is 4992 hours/year, of operations processing 1003392 ft^3/year of poles per year.

Rate/hour = 1003392/4992 = 201 ft^3/hr, @29.79 ft^3/pole = 6.75 or (7 poles/hour) Averaged for 1995

INCREASE TO A CAPACITY OF 1,550,000 cubic feet of poles per year according to L.D. McFarland's request

Annual Production cubic feet per year	Avg. cu. ft of poles Processed per hour	Average Tonnage of Poles Processed per Hour	(at 32 lb/cu ft) Tonnage of Poles Processed per Year	Hours per year at maximum capacity (process equip)	SCALING FACTOR	Assumed Pole Waste Moisture %	Average Pole Density (lb/cu ft)
1,550,000	310.50	10.4	24,800	4992	1.546	55.00	32

Average density of poles	0.85	Tons/pole
Average volume per pole	29.79	cubic feet/pole

Original BP Vehicle Miles Travelled Data for Unpaved Roads

Source Description	Miles Travel Per Hour	Miles Travel Per Year
Pettibones - log transfers/handing	0.57	2352.08
Pettibones - Wigwam to Storage pile	0.07	276.22
Pettibones - Storage pile to Trucks	0.03	120.52
Log trucks (to and from site)	0.04	181.79

Process:

Source Description	Max. Hourly Throughput	Units	Maximum Annual Throughput	Units	Minimum of operation hr/year	PM_{10} Fraction (%/100)	Control Efficiency (%/100)**	Emission Factor	Units	Uncontrolled Emission (lb/hr)	Uncontrolled Emission (ton/yr)	Controlled Emission (lb/hr)	Controlled Emission (ton/yr)
Revised PM-10 factors													
Pole Peeler (1)	14.38	tons per hour	38,310.1	tons per year	2664	1.00	0.00	0.011	lbs/ton	0.157	0.211	0.157	0.211
Wigwam Burner Cyclone (2)	4.31	tons per hour	11,493.0	tons per year	2664	0.40	0.00	2.000	lb PM/hr	0.800	1.066	0.800	1.066
Natural Gas Boiler (3)	0.00672	MM BTU/hr	50.3	10^6 scf/year	7488	1.00	0.00	12.00	lb/10^6 cu. ft	0.081	0.302	0.081	0.302
												1.04	1.58

(1) Units for the emission factor are 0.011 lb PM-10 / ton, DEQ Emission Factor Guide for Wood Industry, 1/6/97 version
The Pole Peeler is evaluated at maximum capacity. Only the annual emissions have been scaled to the 1.55 MM cu ft/yr production.
(2) Assuming peeling waste to be 30% by weight of poles on an average: The cyclone is assumed to operate for the same hours as the peeler.

AP-42: 10.4.1 TSP emissions of 2 lb/hr is used as a direct emission rate from this source.

(3) Using a maximum of 6.72 * 10^6 BTU/hr and using an average heating value of 1000 BTU/scf for the fuel used the hourly fuel usage is:
6.72 * 10^6 BTU/hr * 1/1000 scf/BTU = 6720 scf/hr = 0.00672 * 10^6 cu. ft/hr
Units for hourly and annual throughputs are in standard cubic feet/hr and standard cubic feet/year.
Units for emission factor is 12.0 lb/10^6 cu. ft, AP-42: Table 1.4-1.

Natural Gas Boiler Criteria Pollutant Emission Limits (Emission Factors from AP-42 Section 1.4 (effective 9/93) (Commercial Boiler E.F.'s)

POLLUTANT	Hourly Throughput (scf/hr)	Annual Throughput (scf/year)	Emission Factor (lb / MM cu. ft gas)	Hourly Emissions (lb/hr)	Annual Emissions (Tons/yr)
Sulfur Dioxide (SO2)	6,720	50,319,360.0	0.60	0.0040	0.015
Nitrogen Oxides (NOx)	6,720	50,319,360.0	100.00	0.6720	2.516
Carbon Monoxide (CO)	6,720	50,319,360.0	21.00	0.1411	0.528
Volatile Organic Compounds (VOCs)	6,720	50,319,360.0	3.83	0.0257	0.096

LD McFarland Vehicle Fugitives
Unpaved Roads-Vehicle Fugitives
Original SIP Vehicle Data:

Source Description	Miles Travel Per Hour	Miles Travel Per Year	k	s %	S mph	W ton	w	P	E lb/VMT	Control Equipment	Control Efficiency %/100	Uncontrolled Emissions (lb/hr)	Uncontrolled Emissions (ton/yr)	Controlled Emissions (lb/hr)	Controlled Emissions (ton/yr)
Pettibones - log transfers/handling	0.38	1568.04	0.36	5.00	5.00	23.00	4.00	120.00	0.412	Water & Oiling	0.65	0.36	0.48	0.12	0.17
Pettibones - Storage pile to Trucks	0.02	80.34	0.36	5.00	5.00	23.00	4.00	120.00	0.412	Water & Oiling	0.65	0.02	0.02	0.01	0.01
														0.13	0.18

EQUATION #1:
AP42, 11.2.1-1 UNPAVED ROADS

where E, Emission Factor = k*5.9*(s/12)*(S/30)*(W/3)$^{0.7}$*(w/4)$^{0.5}$*(365-p)/365)
E = Emission Factor (lb/VMT)
k = Particle Size Multiplier (dimensionless)
s = Silt Content of Road Surface Material (%)
S = Mean Vehicle Speed (mph)
W = Mean Vehicle Weight (ton)
w = Mean Number of Wheels
p = Number of Days with at least 0.01 in. Precipitation per Year

Paved Roads-Vehicle Fugitives

Source Description	Miles Travelled Per Hour	Annual Vehicle Hours of Operation	Miles Travelled Per Year	k	sL gm/m^2	S mph	W ton	E lb/VMT	Control Technique	Control Efficiency %/100	Uncontrolled Emissions (lb/hr)	Uncontrolled Emissions (ton/yr)	Controlled Emissions (lb/hr)	Controlled Emissions (ton/yr)
Pettibones - log transfers/handling	1.60	4160	6660.64	0.016	12.00	5.00	23.00	1.088	Sweepers	0.40	1.74	3.62	1.05	2.17
PETTIBONE WIGWAM TO ST. PILE**	0.10	4160	426.70	0.016	12.00	5.00	23.00	1.088	Sweepers	0.40	0.11	0.23	0.07	0.14
Pettibones - Storage pile to Trucks	0.06	4160	248.22	0.016	12.00	5.00	23.00	1.088	Sweepers	0.40	0.06	0.14	0.04	0.08
Log trucks (to and from site)	0.23	4160	936.30	0.016	12.00	5.00	13.50	0.489	Sweepers	0.40	0.11	0.23	0.07	0.14
													1.22	2.53

** The pettibone - wigwam to storage pile was an unpaved emission before.
Log truck travel to and from site is now assumed to be all paved.
NOTE: The spreadsheet entry for calculation of the paved road VMT emission factor was incorrect. A factor of "2" was replaced with a value of "3" in the denominator of the "W/3" term. This results in a decrease in PM-10 emissions.

EQUATION #2

E(lb/VMT) = k*(sL/2)$^{0.65}$*(W/3)$^{1.5}$ AP-42, Section 13.2.1, equation 1, January 1995.

Where k = particle size multiplier
sL = silt loading in gm/m^2 = 12 gm/m^2 as per facility information.
W = Mean vehicle weight in tons
Assigned control efficiency of 60% for 120 days of @ 0.01" of precipitation and daily watering of roads.

Summary of Projected PM$_{10}$ Emissions from LD McFarland Co.				ORIGINAL 1995 SIP DATA			CHANGE IN EMISSIONS		
Source	lb/hr	Tons/year	grams/sec	lb/hr	Ton/yr	grams/sec	lb/hr	Ton/yr	grams/sec
Process Emissions									
Pole Peeler	0.16	0.21	0.020	0.19	0.15	0.020	-0.033	0.061	-0.000
Wigwam Burner Cyclone	0.80	1.07	0.101	0.80	2.00	0.100	0.000	-0.934	0.001
Natural Gas Boiler	0.08	0.30	0.010	0.08	0.30	0.010	0.000	-0.000	0.000
Vehicle Fugitives									
Pettibones - log xfrs/handling	1.05	2.17	0.132	1.14	2.29	0.140	-0.094	-0.115	-0.008
Pettibones - Wigwam to piles	0.07	0.14	0.008	0.01	0.02	0.000	0.057	0.119	0.008
Pettibones - piles to Trucks	0.04	0.08	0.005	0.04	0.08	0.010	-0.001	0.001	-0.005
Log trucks (to and from site)	0.07	0.14	0.008	0.07	0.13	0.010	-0.004	0.007	-0.002
Total PM10 Emissions	2.26	4.11		2.33	4.97		-0.076	-0.8608	

c:\microndata\lotus\ldmcfwig.wk4

APPENDIX B

Tier II Operating Permit
Appendix A

Emissions Limit Table

and other
Altered Pages

AIR POLLUTION OPERATING PERMIT

PERMITTEE AND LOCATION

PERMIT NUMBER

L.D. McFarland Company
Thermal/Chemical Treatment Process for Poles
Sandpoint, Idaho

017 - 00004

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Natural Gas Boiler

1. SOURCE DESCRIPTION

1.1 Process Description

Process preservative solution is heated by a single natural gas-fired boiler throug closed-loop heat exchanger. Process oil (an oil/pesticide mixture of 95% Base Oil (P- and 5% pentachlorophenol) is heated to approximately 200 degrees Fahrenheit (200°F) maximize penetration into poles during the treatment process.

1.2 Control Description

None; boiler emissions vent directly to the atmosphere.

1.3 Equipment Specifications

1.3.1 Boiler Information:

1943 Kewanee Boiler (125 Horsepower)

Catalog Number:	HT-125
Series IX	
National Board Number:	13078
Working Pressure:	125 p.s.i.

Burner Information:

Garden Platt Turbulator

Model Number:	R12-G-30
Fuel:	Natural Gas
Heat Input Range:	2.1 MM Btu/hr minimum to 6.72 MM Btu/hr maxi
Firing Rate:	6.5 MM Btu/hr

1.3.2 Stack parameters: Elevation of boiler stack is minimum of 6.1 meters high w stack diameter of 0.6 meters.

2. EMISSION LIMITS

2.1 Particulate Matter (PM) emissions from the boiler's stack shall not exceed 0.015 gra per dry standard cubic foot of effluent gas corrected to three percent (3%) oxygen volume as required in IDAPA 16.01.01.677 (Rules for the Control of Air Pollution Idaho).

2.2 Particulate matter with an aerodynamic diameter less than or equal to a nominal ten micrometers emissions (PM-10) shall not exceed the pound per hour (lb/hr) and ton year (T/yr) values listed in Appendix A.

2.3 Oxides of nitrogen (NO_x) emissions shall not exceed the lb/hr and T/yr values listed Appendix A.

2.4 Carbon monoxide (CO) emissions shall not exceed the lb/hr and T/yr values listed Appendix A.

AIR POLLUTION OPERATING PERMIT

PERMITTEE AND LOCATION

PERMIT NUMBER

L.D. McFarland Company
Thermal/Chemical Treatment Process for Poles
Sandpoint, Idaho

017 - 00004

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Natural Gas Boiler

2.5 Volatile organic compound (VOC) emissions shall not exceed the lb/hr and T/yr value listed in Appendix A.

2.6 Sulfur dioxide (SO_2) emissions shall not exceed the lb/hr and T/yr values listed i Appendix A.

2.7 Visible emissions shall not exceed twenty percent (20%) opacity for a period or perioc aggregating more than three (3) minutes in any sixty (60) minute period as required b IDAPA 16.01.01.625 and using DEQ's "Procedures Manual for Air Pollution Control".

3. OPERATING REQUIREMENTS:

3.1 Maximum Throughput

The maximum daily throughput of natural gas through the boiler shall be limited t 107,520 standard cubic feet per day (scf/day). Maximum annual throughput of natural ga through the boiler shall be limited to 50.32 million standard cubic feet per year (M scf/yr).

4. TESTING AND MONITORING REQUIREMENTS:

4.1 Throughput Log

The following information shall be recorded and maintained on site for the most recen two (2) year period.

4.1.1 Amount (cubic feet per month) of natural gas consumed by the boiler. Month invoices from the natural gas supplier may be used to fulfill this requirement

5. REPORTING REQUIREMENTS

5.1 Throughput Log

Access to these records shall be granted to DEQ representatives upon request.

Issued: December 30, 1997
Expires: July 7, 2000

DAM:jrj...\permit\ldmfarl.pmt

AIR POLLUTION OPERATING PERMIT

PERMITTEE AND LOCATION

PERMIT NUMBER

L.D. McFarland Company
Thermal/Chemical Treatment Process for Poles
Sandpoint, Idaho

017 - 00004

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Treatment Vats

3. OPERATING REQUIREMENTS

3.1 Maximum annual throughput of pole material treated in the vats shall not exc 1,550,000 cubic feet per year (ft^3/yr).

4. TESTING AND MONITORING REQUIREMENTS:

4.1 Throughput Log

The following information shall be recorded daily and maintained on site for the m recent two (2) year period.

4.1.1 Amount (tons per day) of treated poles (finished product) transported off-si

The amount (tons per day) is subject to the maximum annual throughput 1,550,000 ft^3/yr according to the equation listed below:

$$\text{\# Cubic Feet per Day} = \frac{(\text{\# Tons shipped})}{\text{day}} * \frac{(2000\ \text{lb})}{\text{ton}} * \frac{(\ ft^3\ )}{32\ \text{lb}}$$

5. REPORTING REQUIREMENTS

5.1 Throughput Log

Access to these records shall be granted to DEQ representatives upon request.

Issued: December 30, 1997
Expires: July 7, 2000

APPENDIX A

L.D. McFarland Company

Emission Limits[a] - Hourly (lb/hr) and Annual[b] (T/yr)

Source Description	PM-10[c]		NO_x		CO		VOCs		SO_2	
	(lb/hr)	(T/yr)	(lb/hr)	(T/yr)	(lb/hr)	(T/yr)	(lb/hr)	(T/yr)	(lb/hr)	(T/yr)
1. Log Peeler Fugitives	0.16	0.21	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2. Woodwaste Cyclone	0.8	1.07	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3. Natural Gas Boiler	0.08	0.30	0.67	2.5	0.14	0.53	0.026	0.096	0.004	0.015
4. Vehicle Fugitives	1.23	2.53	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

[a] As determined by a pollutant specific U.S. EPA reference method, or a DEQ approved alternative, or as determined by DEQ's emission estimation methods used in this permit analysis.

[b] As determined by multiplying the actual or allowable (if actual is not available) pound per hour emission rate by the allowable hours per year that the process(es) may operate(s), OR by actual annual production rates.

[c] Includes condensables.

N/A = Not Applicable

APPENDIX C

Updated AIRS AFS Information

STATE PRIVATE AND SENSITIVE AND DRAFT SIP DATA INCLUDED

PLANT: 00004 - L.D. MCFARLAND COMPANY
STATE: ID/16 CITY: - SANDPOINT
COUNTY: 017 - BONNER CO AQCR: 063

GOV'T FACILITY CODE: 0 - ALL OTHER FACILITIES NOT OWNED OR OPER.
AIR-PROGRAM CODE(S): 0 AFS PLANT ID:
OPERATING STATUS : 0 - OPERATING

PLANT NAME: L.D. MCFARLAND COMPANY
ADDRESS : 975 BALDY MTN RD
CITY,STATE: SANDPOINT,ID 83864

DUNN & BRADSTREET: 117351486
EPA ID NUMBER : IDD984670414

STANDARD INDUSTRIAL CLASSIFICATIONS:
2491 - WOOD PRESERVING
-
-

LAST PLANT UPDATE : 97/10/16
REGIONAL PLANNING :
LOCAL CONTROL REGN:
INSPECTOR :
MONITORING INFORMATION:
SOURCE: AMBIENT:

MAILING ADDRESS:
NAME : L.D. MCFARLAND COMPANY
ADDRESS : P.O. BOX 670
CITY,STATE: SANDPOINT,ID 83864

SIGNIFICANT VIOLATOR FLAGS:

	STATE	EPA
COMPLIANCE	3 - IN COMPLIANCE - INSPECTIO	-
CLASSIFICATION	B	
LAST INSPECT.	95/05/22 TYPE: 17	97/09/04 TYPE: 16

OPERATING STATUS: 0 - OPERATING
STATE REGISTRATION:
PLANT DESCRIPTION: POLE TREATING FACILITY

GOVT FAC.: 0 - ALL OTHER FACILITIES NOT
CAPACITY: 0
COMPLIANCE CONTACT : TODD BROWN , (208) 263-2141

PRIORITY : -
CEMSS INFO (Y/N):

PLANT COMMENT:

INDIRECT SOURCE #	COMMENT NO.	COMMENT
	001 C	FACILITY CLASSIFICATION CHANGED FROM A2 TO B WITH 7/7/95 PTO
	002 C	ALLOWABLE FACILITY PRODUCTION INCREASED FROM 1.03 MM cu.ft/yr Poles to 1.55 MM cu.ft/yr on 12/29/97

AIR PROGRAM CODES:
0 - SIP 0 - OPERATING

INSPECTIONS:
EVEN YEAR : 94 STRATEGY: S FREQUENCY: 01
ODD YEAR : 91 STRATEGY: C FREQUENCY: 01
REPEAT VIOLATION FLAG/DATE:
TURNOVER COMPLIANCE FLAG: 0
REPORTING TO REGION: -

	STATE	EPA
COMPLIANCE	3 - IN COMPLIANCE - INSPECTIO	-
CLASSIFICATION	B	

RDE1: RDE2: RDE3: RDE4: RDE5: RDE6:
RDE7: RDE9: RDE10: RDE11: RDE12: RDE15: 0

STATE PRIVATE AND SENSITIVE AND DRAFT SIP DATA INCLUDED

PLANT: 00004 - L.D. MCFARLAND COMPANY
STATE: ID/16 CITY: - SANDPOINT
COUNTY: 017 - BONNER CO AQCR: 063

GOV'T FACILITY CODE: 0 - ALL OTHER FACILITIES NOT OWNED OR OPER.
AIR-PROGRAM CODE(S): 0 AFS PLANT ID:
OPERATING STATUS : 0 - OPERATING

STAFF: ID1 - REGION 1 STATE IMPLEMENTATION PLAN: -

AIR PROGRAM POLLUTANTS:

PT - SUSPENDED PARTICULATE (TS

LOADING: -
RDE14 :
TOXICITY LEVEL:
STATE REGULATION NUMBER:

	STATE	EPA
COMPLIANCE	3 - IN COMPLIANCE - INSPECTIO	-
CLASSIFICATION	B	
ATTAIN/NONATTN	N - NON-ATTAINMENT FOR PRIMAR	-

PM10 - PM10 TOTAL 0-10UM

LOADING: -
RDE14 :
TOXICITY LEVEL:
STATE REGULATION NUMBER:

	STATE	EPA
COMPLIANCE	3 - IN COMPLIANCE - INSPECTIO	-
CLASSIFICATION	B	
ATTAIN/NONATTN	N - NON-ATTAINMENT FOR PRIMAR	-

NO2 - NITROGEN DIOXIDE

LOADING: -
RDE14 :
TOXICITY LEVEL:
STATE REGULATION NUMBER:

	STATE	EPA
COMPLIANCE	3 - IN COMPLIANCE - INSPECTIO	-
CLASSIFICATION	B	
ATTAIN/NONATTN	N - NON-ATTAINMENT FOR PRIMAR	-

CO - CARBON MONOXIDE

LOADING: -
RDE14 :
TOXICITY LEVEL:
STATE REGULATION NUMBER:

	STATE	EPA
COMPLIANCE	3 - IN COMPLIANCE - INSPECTIO	-
CLASSIFICATION	B	
ATTAIN/NONATTN	N - NON-ATTAINMENT FOR PRIMAR	-

VOC - VOLATILE ORG COMPNDS

LOADING: -
RDE14 :
TOXICITY LEVEL:
STATE REGULATION NUMBER:

	STATE	EPA
COMPLIANCE	3 - IN COMPLIANCE - INSPECTIO	-
CLASSIFICATION	B	
ATTAIN/NONATTN	N - NON-ATTAINMENT FOR PRIMAR	-

SO2 - SULFUR DIOXIDE

	STATE	EPA
COMPLIANCE	3 - IN COMPLIANCE - INSPECTIO	-

STATE PRIVATE AND SENSITIVE AND DRAFT SIP DATA INCLUDED

PLANT: 00004 - L.D. MCFARLAND COMPANY
STATE: ID/16 CITY: - SANDPOINT
COUNTY: 017 - BONNER CO AQCR: 063

GOV'T FACILITY CODE: 0 - ALL OTHER FACILITIES NOT OWNED OR OPER.
AIR-PROGRAM CODE(S): 0 AFS PLANT ID:
OPERATING STATUS : 0 - OPERATING

LOADING: -
RDE14 :
TOXICITY LEVEL:
STATE REGULATION NUMBER:

CLASSIFICATION: B :
ATTAIN/NONATTN: N - NON-ATTAINMENT FOR PRIMAR : -

ACT. NO.	INDIR. NO.	AIR PROGRM	TYPE/DESCRIPTION	DATE SCHEDULD	DATE ACHIEVED	ACT. CAT.	STAFF	RESULTS	PENALTY	RD8	PLLT/CASN	RDE 16
001	0	17	ST COMP INSPEC	83/09/30	/ /			02 NOT ACHIEVED	0			
002	0	17	ST COMP INSPEC	89/09/30	89/04/26		E34	19 IN COMPLIANCE	0			
003	0	87	STTE WARN LETT	89/07/24	89/07/24			08 ISSUED	0			

COMMENT NO.	COMMENT
001	VE VIOLATIONS ON WIGWAM BURNER

004	0	85	SPEC ACT DUE/C	89/08/25	89/08/21			01 ACTION ACHIEVED	0			

COMMENT NO.	COMMENT
001	RESPONSE DUE TO 7/24/89 WARNING LETTER

005	0	17	ST COMP INSPEC	91/09/30	91/05/28		E34	19 IN COMPLIANCE	0			
006	0	17	ST COMP INSPEC	92/09/30	92/07/09		E34	19 IN COMPLIANCE	0			
007	0	17	ST COMP INSPEC	94/09/30	93/10/14		E34	19 IN COMPLIANCE	0	C		
008	0	12	ID PER OP ISS	94/12/13	94/12/13			08 ISSUED	0			

COMMENT NO.	COMMENT
001	INTERIM/PROPOSED PERMIT-PROHIBITS ALL USE OF WIGWAM BURNER FOR COMBUSTION PURPOSES

009	0	17	ST COMP INSPEC	95/09/30	95/05/22		E34	19 IN COMPLIANCE	0	C		

STATE PRIVATE AND SENSITIVE AND DRAFT SIP DATA INCLUDED

PLANT: 00004 - L.D. MCFARLAND COMPANY
STATE: ID/16 CITY: - SANDPOINT
COUNTY: 017 - BONNER CO AQCR: 063

GOV'T FACILITY CODE: 0 - ALL OTHER FACILITIES NOT OWNED OR OPER.
AIR-PROGRAM CODE(S): 0 AFS PLANT ID:
OPERATING STATUS : 0 - OPERATING

ACT. NO.	INDIR. NO.	AIR PROGRM	TYPE/DESCRIPTION	DATE SCHEDULD	DATE ACHIEVED	ACT. CAT.	STAFF	RESULTS	PENALTY	RDB	PLLT/CASN	RDE 16
	COMMENT NO.	COMMENT										
	001	WIGWAM BURNER IS NO LONGER OPERATIONAL-CONVEYORS/GAS LINES/ GAS BURNERS REMOVED. ONLY USED FOR WOOD STORAGE										
010	0		07 QTR REPORT DUE	95/04/30	95/06/12			01 ACTION ACHIEVED	0	Q		
	COMMENT NO.	COMMENT										
	001	1ST QTRLY RPT-MONTHLY THROUGHPUT OF WOODWASTE STORED IN WIG-WAMS										
011	0		07 QTR REPORT DUE	95/07/30	/ /				0	Q		
	COMMENT NO.	COMMENT										
	001	2ND QTRLY RPT-MONTHLY THROUGHPUT OF WOODWASTE										
012	0		07 QTR REPORT DUE	95/10/30	/ /				0	Q		
	COMMENT NO.	COMMENT										
	001	3RD QTRLY RPT-MONTHLY THROUGHPUT OF WOODWASTE										
013	0		07 QTR REPORT DUE	96/01/30	/ /				0	Q		
	COMMENT NO.	COMMENT										
	001	4TH QTRLY RPT-MONTHLY THROUGHPUT OF WOODWASTE										
014	0		12 ID PER OP ISS	95/07/07	95/07/07			08 ISSUED	0			TIER II

STATE PRIVATE AND SENSITIVE AND DRAFT SIP DATA INCLUDED

PLANT: 00004 - L.D. MCFARLAND COMPANY
STATE: ID/16 CITY: - SANDPOINT
COUNTY: 017 - BONNER CO AQCR: 063

GOV'T FACILITY CODE: 0 - ALL OTHER FACILITIES NOT OWNED OR OPER.
AIR-PROGRAM CODE(S): 0 AFS PLANT ID:
OPERATING STATUS : 0 - OPERATING

ACT. NO.	INDIR. NO.	AIR PROGRM	TYPE/DESCRIPTION	DATE SCHEDULD	DATE ACHIEVED	ACT. CAT.	STAFF	RESULTS	PENALTY	RD8	PLLT/CASN	RDE 16
015	0	14	ID PERMT DUE	00/07/07	/ /				0			
016	0	16	EPA INSPECTION	/ /	97/09/04		E72	99 PENDING	0			

COMMENT NO.	COMMENT
001	RACT/RACM IMPLEMENTATION FOR ATTAINMENT DATE EXTENSION PROJECT

STATE PRIVATE AND SENSITIVE AND DRAFT SIP DATA INCLUDED

PLANT: 00004 - L.D. MCFARLAND COMPANY
STATE: ID/16 CITY: - SANDPOINT
COUNTY: 017 - BONNER CO AQCR: 063

GOV'T FACILITY CODE: 0 - ALL OTHER FACILITIES NOT OWNED OR OPER.
AIR-PROGRAM CODE(S): 0 AFS PLANT ID:
OPERATING STATUS : 0 - OPERATING

POINT INFORMATION: / 010 M - LOG/POLE PEELER

STATE SENSITIVE INDICATOR:
DESIGN CAPACITY: 0 UNITS: -
CONTINUOUS EMISSIONS (Y/N): N
REGULATED SOURCE CLASS CODE: 30700802
OPERATING RESTRICTIONS: MAX OPER HRS-16 HRS/DAY

LAST INSPECT. : / / STATE TYPE: : / / EPA TYPE:
SOOT BLOWING :
TIMES PER DAY : 0 TIMES PER WEEK: 0 AM OR PM:

AIR PROGRAM: 0 - SIP 0 - OPERATING
POLLUTANT-CODE: PT
COMPLIANCE STATUS: 4 - IN COMPLIANCE - CERTIFICA : -
STATE-IMPLEMENTATION-PLAN: - RDE7: RDE15:

POLLUTANT	STATE REGULATION	ALLOWABLE UNITS	POT UCNTRL UNITS	POT CNTRL UNITS	ACTUAL UNCTRL UNITS/METHOD
PM10		00000.19 PH			

0.16 0.21 T/yr

POINT INFORMATION: / 020 M - WOODWASTE CYCLONE

STATE SENSITIVE INDICATOR:
DESIGN CAPACITY: 0 UNITS: -
CONTINUOUS EMISSIONS (Y/N): N
REGULATED SOURCE CLASS CODE: 30700804
OPERATING RESTRICTIONS: MAX OPER HRS-16 HRS/DAY

LAST INSPECT. : / / STATE TYPE: : / / EPA TYPE:
SOOT BLOWING :
TIMES PER DAY : 0 TIMES PER WEEK: 0 AM OR PM:

AIR PROGRAM: 0 - SIP 0 - OPERATING
POLLUTANT-CODE: PT
COMPLIANCE STATUS: 3 - IN COMPLIANCE - INSPECTIO : -
STATE-IMPLEMENTATION-PLAN: - RDE7: RDE15:

POLLUTANT	STATE REGULATION	ALLOWABLE UNITS	POT UCNTRL UNITS	POT CNTRL UNITS	ACTUAL UNCTRL UNITS/METHOD
PM10		000000.8 PH			

POINT INFORMATION: / 030 M - WIGWAM BURNER SHELL

STATE SENSITIVE INDICATOR: Y
DESIGN CAPACITY: 0 UNITS: -

LAST INSPECT. : / / STATE TYPE: : / / EPA TYPE:

STATE PRIVATE AND SENSITIVE AND DRAFT SIP DATA INCLUDED

PLANT: 00004 - L.D. MCFARLAND COMPANY
STATE: ID/16 CITY: - SANDPOINT
COUNTY: 017 - BONNER CO AQCR: 063

GOV'T FACILITY CODE: 0 - ALL OTHER FACILITIES NOT OWNED OR OPER.
AIR-PROGRAM CODE(S): 0 AFS PLANT ID:
OPERATING STATUS : 0 - OPERATING

POINT INFORMATION: / 030 M - WIGWAM BURNER SHELL

CONTINUOUS EMISSIONS (Y/N): N
REGULATED SOURCE CLASS CODE: 50300105
OPERATING RESTRICTIONS:

SOOT BLOWING :
TIMES PER DAY : 0 TIMES PER WEEK: 0 AM OR PM:

COMMENT NO.	COMMENT
001 C	PER 7/7/95 PTO-USE OF WIGWAM BURNER FOR PURPOSE OF COMBUST- ION IS PROHIBITED. USED TO STORE WOODWASTE GENERATED BY LOG PROCESS.

AIR PROGRAM: 0 - SIP X - PERMANENTLY CLOSED ---------STATE---------- --------EPA----------
POLLUTANT-CODE: PT COMPLIANCE STATUS: 9 - IN COMPLIANCE - SHUT DOWN : -
STATE-IMPLEMENTATION-PLAN: - RDE7: RDE15: 0

ACT. NO.	PLANT	AIR PROGRM	TYPE/DESCRIPTION	DATE SCHEDULD	DATE ACHIEVED	ACT. CAT.	STAFF	RESULTS	PENALTY	RD8	PLLT/CASN	RDE 16
001		0	26 VE READING	89/07/11	89/07/11			18 OUT OF COMPLIAN	0			

COMMENT NO.	COMMENT
001	OPACITY - 44.4%, ALLOWED 20%

POINT INFORMATION: / 040 M - PEELER WASTE STORAGE PILE

STATE SENSITIVE INDICATOR:
DESIGN CAPACITY: 0 UNITS: -
CONTINUOUS EMISSIONS (Y/N): N
REGULATED SOURCE CLASS CODE: 30700803
OPERATING RESTRICTIONS:

---------STATE---------- --------EPA----------
LAST INSPECT. : / / TYPE: : / / TYPE:
SOOT BLOWING :
TIMES PER DAY : 0 TIMES PER WEEK: 0 AM OR PM:

AIR PROGRAM: 0 - SIP 0 - OPERATING ---------STATE---------- --------EPA----------

STATE PRIVATE AND SENSITIVE AND DRAFT SIP DATA INCLUDED

PLANT: 00004 - L.D. MCFARLAND COMPANY
STATE: ID/16 CITY: - SANDPOINT
COUNTY: 017 - BONNER CO AQCR: 063

GOV'T FACILITY CODE: 0 - ALL OTHER FACILITIES NOT OWNED OR OPER.
AIR-PROGRAM CODE(S): 0 AFS PLANT ID:
OPERATING STATUS : 0 - OPERATING

POINT INFORMATION: / 040 M - PEELER WASTE STORAGE PILE

POLLUTANT-CODE: PT COMPLIANCE STATUS: 4 - IN COMPLIANCE - CERTIFICA : -
STATE-IMPLEMENTATION-PLAN: - RDE7: RDE15:

POINT INFORMATION: / 050 M - KEWANEE NAT GAS BOILER

STATE SENSITIVE INDICATOR:
DESIGN CAPACITY: 0 UNITS: -
CONTINUOUS EMISSIONS (Y/N): N
REGULATED SOURCE CLASS CODE: 10200603
OPERATING RESTRICTIONS:

	STATE	EPA
LAST INSPECT. :	/ / TYPE:	/ / TYPE:
SOOT BLOWING :		
TIMES PER DAY :	0 TIMES PER WEEK: 0	AM OR PM:

COMMENT NO.	COMMENT
001 C	CONTROLS: NONE
002 C	1943 KEWANEE BOILER, CATALOG #HT-125, SERIES IX, USED TO HEAT OIL
003 C	BURNER-GARDEN PIATT TURBULATOR, MODEL #R12-G-30
004 C	FUEL USAGE LIMIT INCREASED FROM 33.55 million cubic feet/year to 50.32 mm cu ft/yr (ANNUAL).

AIR PROGRAM: 0 - SIP 0 - OPERATING
POLLUTANT-CODE: NO2 COMPLIANCE STATUS: 3 - IN COMPLIANCE - INSPECTIO : -
STATE-IMPLEMENTATION-PLAN: - RDE7: RDE15:

POLLUTANT	STATE REGULATION	ALLOWABLE	UNITS	POT UCNTRL UNITS	POT CNTRL UNITS	ACTUAL UNCTRL UNITS/METHOD
CO		00000.14	PH	0.53 T/yr		
SO2		0000.004	PH	0.015 T/yr		
NO2		00000.67	PH	2.5 T/yr		
VOC		0000.026	PH	0.096 T/yr		
PM10		00000.03	PH	0.30 T/yr		

POINT INFORMATION: / 060 M - TREATMENT VATS

STATE SENSITIVE INDICATOR:
DESIGN CAPACITY: 0 UNITS: -

	STATE	EPA
LAST INSPECT. :	/ / TYPE:	/ / TYPE:

STATE PRIVATE AND SENSITIVE AND DRAFT SIP DATA INCLUDED

PLANT: 00004 - L.D. MCFARLAND COMPANY
STATE: ID/16 CITY: - SANDPOINT
COUNTY: 017 - BONNER CO AQCR: 063

GOV'T FACILITY CODE: 0 - ALL OTHER FA OWNED OR OPER.
AIR-PROGRAM CODE(S): 0 D:
OPERATING STATUS : 0 - OPERATING

POINT INFORMATION: / 060 M - TREATMENT VATS

CONTINUOUS EMISSIONS (Y/N): N
REGULATED SOURCE CLASS CODE: 30700597
OPERATING RESTRICTIONS:

SOOT BLOWING :
TIMES PER DAY : 0 TIMES PER WEEK: 0 AM OR

AIR PROGRAM: 0 - SIP 0 - OPERATING
POLLUTANT-CODE: PT

---------STATE---------- ----------
COMPLIANCE STATUS: 4 - IN COMPLIANCE - CERTIFICA :
STATE-IMPLEMENTATION-PLAN: - R15:

POINT INFORMATION: / 070 M - VEHICLE FUGITIVE EMISSION

STATE SENSITIVE INDICATOR:
DESIGN CAPACITY: 0 UNITS: -
CONTINUOUS EMISSIONS (Y/N): N
REGULATED SOURCE CLASS CODE: 30788801
OPERATING RESTRICTIONS:

LAST INSPECT. : / / TYPE: :
SOOT BLOWING :
TIMES PER DAY : 0 TIMES PER WEEK: 0 AM OI

COMMENT NO.	COMMENT
001 C	INCLUDES VEHICLE TRAFFIC ON PAVED/UNPAVED ROADS

AIR PROGRAM: 0 - SIP 0 - OPERATING
POLLUTANT-CODE: PT

---------STATE---------- ----------
COMPLIANCE STATUS: 3 - IN COMPLIANCE - INSPECTIO :
STATE-IMPLEMENTATION-PLAN: - R15:

POLLUTANT	STATE REGULATION	ALLOWABLE	UNITS	POT UCNTRL	UNITS	POT CNTRL	UNITS	ACTUAL UNCTRL	UNIT
PM10		00000.08	PH						