

4B106

Amended per Mike Crossett Comments, 03/12/96 M.B. Murdock
please replace original document.



000061125



MEMORANDUM

DATE: March 7, 1996 5400.1

TO: M. L. Crossett, Transportation, Bldg. 331, X4529

FROM: *M.B. Murdock*
M. B. Murdock, Ecology, Bldg. T893B, X3560

SUBJECT: ACCEPTABLE CHANGES IN WEED CONTROL APPROACH FOR 1996 FIELD SEASON - MBM - 024 - 96

During our February meeting with David Duncan from Second Nature, T.L.C. on weed control strategies for the 1996 field season, we inspected several areas, and discussed different options for various situations and locations. The following list highlights my understanding of the decisions and agreements formed during that meeting.

- It is understood that the greatest portion of the weed control effort during 1996 will take place inside the Industrial Area of the Site. Funding is under a DynCorp work package that falls within the responsibilities of the Transportation Group.
- The highest priority will be total weed control in the PIDAS. This will be accomplished by application of "Arsenal," a total-kill herbicide. Spraying will include application within the PIDAS with care being taken not to overspray outside the fences. To accomplish control around the outer fence, and within the razor-ribbon along that fence, the herbicide applicator will spray from the outside of the fence inward. Total vegetation control will be limited to the area within the PIDAS fences, and a 2-foot boundary outside the outer fence. This will provide a vegetation-free band around the fences as required by the security force. Use of a general broadleaf-only herbicide is acceptable for an additional 10-foot band around the outside of the outer fence. Extreme care must be taken during application of this product to prevent its entry into the waters at the Site. Application must not occur when precipitation is imminent. Guidelines for acceptable wind speeds during application have been set up in the Watershed Management Plan, and the herbicide contractor is familiar with these limitations. Wind-drift of Arsenal outside the specific target area will not be acceptable.
- Decorative rock areas surrounding numerous buildings within the Industrial Area, and paved areas where vegetation has become established in cracks, require treatment to remove all undesired vegetation (most of these areas are currently infested with noxious weeds). Treatment in these areas will include application of a combination of Round-up, Gallery, and/or Surflan as applicable. Herbicide application on pavement areas will be limited to direct application to target plants. Every effort will be made to avoid surface flow of herbicides across pavement.
- Drainage ditches within the Industrial Area may be sprayed with a general broadleaf herbicide, except where wetlands are present. If the herbicide contractor has any doubt, or wishes to have wetlands delineated, he may contact Ecology personnel directly to request this service. Most roadside ditches within the Industrial Area do not qualify as the secondary drainages as described in the Watershed Management Plan, and weed control at the edges and within these ditches is an appropriate action. Any drainageway where cattails are found

ADMIN RECCRD

IA-A-000687

1/2



M. L. Crossett
March 7, 1996
Page 2

must be considered a wetland, and protected accordingly. Other vegetation is also indicative of wetlands, however, so it is recommended that Ecology be consulted for help before spraying in questionable areas. Care must be taken to avoid application in these areas if precipitation is anticipated.

- Many areas around office buildings, trailers, and transformers have been identified as problem weed areas. These areas may be treated with broadleaf herbicides as needed.
 - The fenceline around the PAC 3 parking area, and the asphalt-lined ditch along that fence may be treated with a broadleaf herbicide, as long as surface flow across the paved area is avoided, and the other restrictions on wind speed and anticipated precipitation are observed.
 - The decorative rock around Building 131 may be treated as the other decorative rock areas are, but we strongly recommend that Ecology personnel be allowed to mark the edges of the wetland at that location before application proceeds.
 - The trees at the security bunker northwest of PAC 3 may be cut and treated where needed to meet visibility requirements for the security force at that location. Care must be taken to avoid any impacts to the adjacent wetlands in the drainage. It would be our recommendation to cut the trees to ground level, then wick-apply an appropriate herbicide to any new suckers that may grow from the roots. Leaving the stumps in place and applying herbicide in a non-spraying method would avoid the possibility of wetlands damage.
 - Broadleaf herbicide application around the Building 116, 117, and 111 areas must be done with care to avoid wetlands damage. Careful application may proceed up to within a 5-foot buffer of the wetlands within the ditch. As we discussed, some wetland vegetation grows well up on the ditch banks where there are some surface seeps. It would be best if Ecology personnel delineate the spraying boundaries for this area before the herbicide contractor proceeds.
 - Broadleaf herbicide use is anticipated within the PU&D yard, ^g and the old storage yard to the west of the PU&D yard. It will be necessary to have this field walked down by Ecology to ensure that there are no active bird nests in the area to be treated, before herbicide application. *A total kill herbicide will be used in the PU&D yard.*
 - Since any additional work outside the Industrial Area was not discussed in detail, and it is uncertain if full funding is available, we cannot give clear guidance of herbicide application limits within the Buffer Zone. Once this has been determined, Ecology personnel can make additional field trips with you and the herbicide contractor as needed.
 - *A total kill herbicide will be used around gas storage areas and utility substations.*
- This should cover the items we discussed during the field trip, and clarify the changes we agreed to. Please feel free to contact me to discuss any items that are unclear, or that I have overlooked. Should you have questions or require further information, please contact me at extension 3560.

MBM:mbm

cc:
C. S. Evans
J. D. Krause
L. E. Woods
ERP Records File (2)

Post-It™ brand fax transmittal memo 7671 # of pages ▶ 2

To <i>Mike Crossett</i>	From <i>Marcia Mustard</i>
Co.	Co.
Dept.	Phone #
Fax # <i>5279</i>	Fax # <i>7193</i>

2/2