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GIS205

Final Project

CPW Parks Noxious Weeds Treatment Tracking

Uses Cases

Park managers, technicians, and contractors will be able to:

1. View weed treatment area polygons and information about
   1. Park Name
   2. Year: of application
   3. Month: of application
   4. Day: of application
   5. Applicator Name
   6. Contractor
   7. Contractor
   8. Contractor Email
   9. Contractor Phone
   10. Treatment Method
   11. Target Species
   12. Application Pattern
   13. Equipment Used
   14. Primary Herbicide Chemical
   15. Primary Herbicide Brand Name
   16. Primary Herbicide Chemical Oz/Acre
   17. Secondary Herbicide Chemical
   18. Secondary Herbicide Brand Name
   19. Secondary Herbicide Chemical Oz Per Acre
   20. EPA Reg Number
   21. Air Temperature
   22. Wind Speed
   23. Comments
2. Draw new weed treatment area polygons and input attribute information which will update a web service hosted by the CPW Resource Stewardship office.
   1. Park Name
   2. Year: of application
   3. Month: of application
   4. Day: of application
   5. Applicator Name
   6. Contractor
   7. Contractor
   8. Contractor Email
   9. Contractor Phone
   10. Treatment Method
   11. Target Species
   12. Application Pattern
   13. Equipment Used
   14. Primary Herbicide Chemical
   15. Primary Herbicide Brand Name
   16. Primary Herbicide Chemical Oz/Acre
   17. Secondary Herbicide Chemical
   18. Secondary Herbicide Brand Name
   19. Secondary Herbicide Chemical Oz Per Acre
   20. EPA Reg Number
   21. Air Temperature
   22. Wind Speed
   23. Comments

This web mapping application will provide the CPW Resource stewardship office with the following benefits:

1. The CPW Resource Stewardship office which will host the web map and data via ArcGIS Online wants to harvest information regarding noxious weed treatment activities at each of the 42 state parks managed by CPW.
2. This will digitize and centralize noxious weed management data which is legally required to be recorded and is currently maintained as paper records at the individual parks.
3. This will allow CORA requests for weed treatment data to be easily handled by Resource Stewardship going forward.
4. Legacy records will need to either be entered into the web map over time or continue to be maintained by the parks.