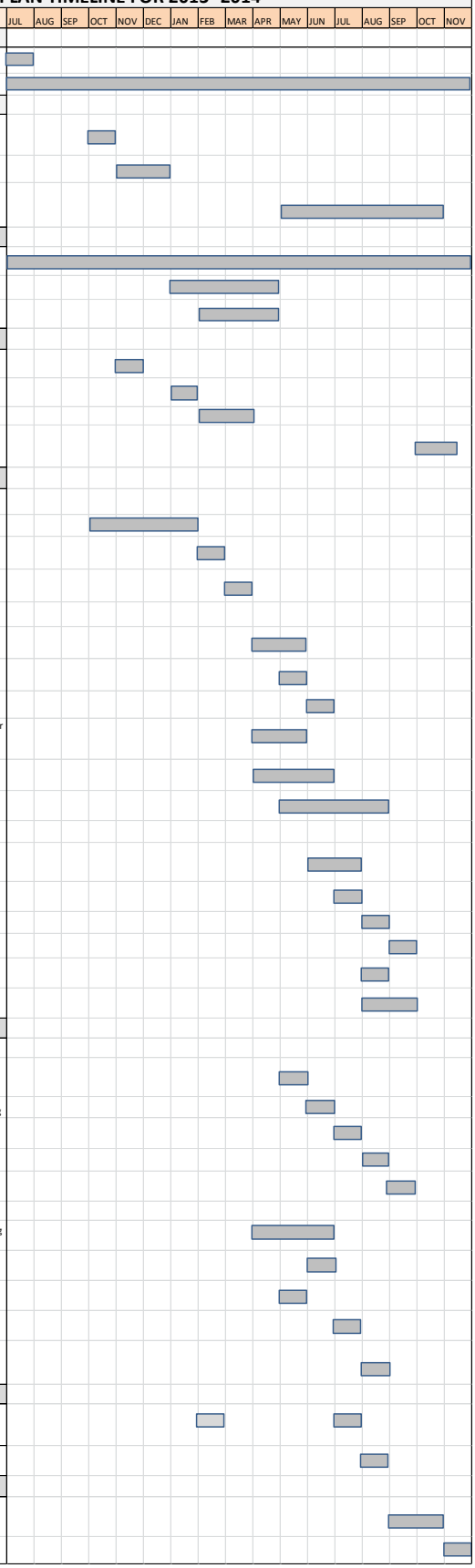
DTSC MSR WORKPLAN TIMELINE FOR 2013- 2014

ID No.	Objectives and Milestones
1.0	**MSR Web Page Portal**
	post department workplan, historical documents and review process to public website
	ongoing posting of new documents and project updates to website
2.0	**Stakeholder Coordination**
	Prepare formal written requests to state and local enforcement agencies to invite and meet with DTSC to discuss operational and policy issues regarding metal shredder operations
	Conduct formal meetings with state agencies to discuss metal shredder evaluation project and policy decisions
	Conduct formal meetings with other govt. agencies to discuss metal shredder operations and potential alternative management standards requirements to address current and future regulatory pathways.
3.0	**MSR Industry and Stakeholder Coordination**
	Attend meetings with metal shredding industry or its representatives to discuss DTSC's information requests and to review industry submittals
	Site visits at metal shredder facilities, ~5 visits with 2-3 DTSC staff
	Site visits to landfills accepting auto shredder wastes, ~ 3 visits with 2-3 DTSC staff
4.0	**MSR Government Agency and Public Workshops**
	Coordinate and facilitate two (2) local and state government agency MSR workshops in Southern and Northern California
	Coordinate and facilitate two (2) public informational workshops in Southern and Northern California
	Review workshop comments, prepare summary, post to MSR webpage
	DTSC hosts second round of public workshops to present MSR treatability study and evaluation findings, and DTSC's initial recommendations for public comments
5.0	**Treatability Study**
5.1	**Treatability Study Workplan Development**
	DTSC review of ISRI draft treatability study workplan
	Summarize comments provided from stakeholder workshops, meetings, and submittals to DTSC
	Prepare formal letter summarizing comments to ISRI and requesting completion of finalized version within 30 days
5.2	**MSR Sampling Method Verification**
	Data input and review of previous DTSC sampling data events for statistical analysis
	Sample collection by DTSC of MSR used as ADC at landfills (propose sampling at 3 landfill sites)
	Data evaluation of landfill sampling by DTSC
	Coordination with Berkeley Environmental Chemistry Laboratory (ECL) for familiarity with sample preparation procedures on treated and untreated MSR.
	Input and review of MSR sample data from GEOTRACKER for landfills accepting MSR as ADC
	Research and coordination with ECL on development of verification and enforcement sampling methodologies for treated MSR.
5.3	**Treatability Study Activities**
	Oversight of MSR sample collection of treated and untreated shredder wastes for treatability study. DTSC to obtain split samples for analysis at DTSC Environmental Chemistry Laboratory (ECL).
	Preparation of sampling request documents, chain of custody and ECL delivery
	Laboratory analysis of MSR by laboratory contracted by metal shredders
	Submission of final report to DTSC by ISRI
	Laboratory analysis by DTSC ECL for split samples received from treatability study
	Statistical analysis of MSR treatability study data from split samples received by DTSC
6.0	**Environmental Impacts Review and Research**
6.1	**Air Emissions Impacts Study**
	Contact ARB and local AQMDs to determine resource requirements and priorities for conducting fence line monitoring toxicity studies at MSR facilities and/or landfills
	Scope and methodology development for fence line air toxics monitoring
	Air Toxics fence line monitoring and measurements at landfills and/or metal shredder facilities
	Review and evaluation of data generated from monitoring studies
	Meet with ARB and local AQMDs to discuss sampling findings and potential management and operation controls.
6.2	**Landfill Impacts Review**
	Review of Geotracker and leachate monitoring data for landfills accepting MSR as ADC
	Meet with LEAs and Regional Water Boards to discuss findings and data gaps
	Review of stormwater management plans and inspection findings from regional stormwater agencies
	Posting of stormwater management findings and documents to MSR webpage
	Discussions with SWRCB on findings and recommendations for management controls required to address identified surface water and contaminants issues
7.0	**Management Standards Development**
	Research and develop summary of management standards implemented at other states and industry associations for metal shredder facilities
	Research permit authorities and potential alternative management standards requirements for MSR facility operations
8.0	**Recommendations Development**
	DTSC and other agencies evaluate information related to treatability study, regulatory authorities, human health and environmental data to discuss findings and recommendations
	DTSC develops work plan for implementation of final findings and recommendations and forwards to Director