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12	SUPERIOR COURT OF THE STATE OF CALIFORNIA		
13	IN AND FOR THE COUNTY OF ALAMEDA		
14	THE ATHLETICS INVESTMENT GROUP	Case No. RG2	0069917
15 16	LLC, Petitioner,	JUDG	O FOR ALL PURPOSES TO E PAUL D. HERBERT DEPARTMENT 20
17 18 19 20	V.  CALIFORNIA DEPARTMENT OF TOXIC SUBSTANCES CONTROL, a public agency of the State of California; MEREDITH WILLIAMS, in her official capacity as the	AMICI CURI	ON TO FILE BRIEF AS AE AND BRIEF AS AE IN SUPPORT OF R
21 22 23	Director of the California Department of Toxic Substances Control,  Respondents.	Hearing Date: Hearing Time: Dept.: Judge:	January 22, 2021 9:00 a.m. 20 Hon. Paul D. Herbert
24 25 26 27	SCHNITZER STEEL INDUSTRIES, INC.,  Real Party in Interest	Action Filed: Trial Date:	August 5, 2020 Not yet set
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17	Peter Hegarty, Fire Breaks Out at Schnitzer Steel in Oakland, E. Bay Times (updated June 4, 2018)
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#### APPLICATION TO FILE

Communities for a Better Environment, the Center on Race, Poverty & the Environment, San Francisco Baykeeper, and the Natural Resources Defense Council (Amici) respectfully request leave to file the accompanying brief in support of Petitioner in this proceeding. This proposed amicus brief was drafted by counsel for Amici, and no party or counsel for a party in this proceeding authored the brief in whole or in part, or made any monetary contribution intended to fund its preparation.<sup>1</sup>

#### STATEMENT OF INTEREST AS AMICI CURIAE

Communities for a Better Environment (CBE) is one of the nation's preeminent environmental justice organizations. CBE builds people's power in California's communities of color and low-income communities to achieve environmental health and justice. CBE works to prevent and reduce pollution and to build green, healthy, and sustainable communities and environments. CBE maintains offices in Richmond and Huntington Park.

The Center on Race, Poverty & the Environment (CRPE) is a national environmental justice organization whose mission is to achieve environmental justice and healthy, sustainable communities through collective action and the law. CRPE fights across California against pollution from toxic industrial activity and advocates for a just, state-wide policy to responsibly handle waste while protecting civil rights and encouraging healthy communities. CRPE has offices in Emeryville and in Delano.

Since 1989, San Francisco Baykeeper (Baykeeper) has been defending San Francisco
Bay by holding polluters and government agencies accountable for the health of our wildlife and
communities, and has a longstanding interest in protecting the Bay from pollution. Core to

<sup>&</sup>lt;sup>1</sup> Amici submit this brief for the Court's consideration two weeks in advance of the January 22, 2020, scheduled hearing on the parties' demurrers and motion for judgment.

Baykeeper's mission are the organization's long-standing campaigns to challenge activities that harm the Bay, including pollution from metal shredders and other industrial sites. Baykeeper has, for over a decade, documented the pollution that Schnitzer Steel's metal shredding facility has released into the Bay. Baykeeper has over 5,000 members and supporters and has its office in Oakland, a mile and a quarter from Schnitzer's metal shredding facility.

The Natural Resources Defense Council (NRDC) is a national, not-for-profit environmental and public health membership organization that works to ensure the rights of all people to clean air, clean water, and healthy communities. NRDC is committed to advancing environmental justice and seeks to break down the patterns of disproportionate environmental burdens borne by people of color and others who face social or economic inequities. NRDC has over 77,000 members in California and has offices in San Francisco and Santa Monica.

Proposed Amici supported the passage of the legislation at issue in this case—the Metal Shredding Facilities Law—because they believed it would force Respondent California Department of Toxic Substances Control (DTSC) to rescind the "f letter" exemptions it had issued to metal shredding facilities and instead establish appropriate protections to keep Californians safe from metal shredding facility pollution. Proposed Amici continue to believe that it is critical for DTSC to protect communities across California from metal shredder pollution. This case represents an important step towards such protection.

#### STATEMENT OF LEAVE TO FILE

Proposed Amici advocate on behalf of communities that suffer the burdens of pollution from metal shredding facilities for which respondent DTSC has granted "f letter" exemptions.

Petitioner in this case challenges the same regulatory exemption as to the metal shredding facility located in Oakland, owned by Real Party in Interest Schnitzer Steel. Proposed Amici are familiar with how DTSC's refusal to effectively regulate metal shredding facility pollution has threatened

1	public health both in Oakland and around California. Although Petitioner seeks a writ of		
2	mandate that would revoke only Schnitzer Steel's f letter, the Court's interpretation of the Metal		
3	Shredding Facilities Law will have implications throughout the state, including for Proposed		
4	Amici and the people and communities they represent. Proposed Amici believe their direct		
5	knowledge of and experience with metal shredding facility pollution will help put the issues in		
6	this case in proper perspective and aid the Court in considering the pending motions. Proposed		
7 8	Amici therefore respectfully request permission to file the attached amicus brief.		
9	Dated: January 8, 2021 Respectfully submitted,		
10	12. 4 B		
11	By:		
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#### BRIEF OF AMICI CURIAE

#### INTRODUCTION

The principal question in this case is whether Senate Bill 1249, the Metal Shredding Facilities Law enacted in 2014, required the California Department of Toxics Substances Control (DTSC) by a date certain to rescind regulatory exemptions and impose more protective hazardous waste regulations on metal shredding facilities, either by applying existing hazardous waste laws or by adopting new waste management standards for those facilities. In this brief, Amici address the real-world consequences of metal shredding facility pollution: the spread of harmful contaminants, such as cadmium and lead, into the air, water, and soil of some of California's most vulnerable communities. Amici believe an appreciation of these harms is critical to understanding the Legislature's intent when it passed SB 1249.

Since 1986, DTSC has allowed metal shredding facilities in California to generate waste that qualifies as hazardous, but, under the "f letter" exemption mechanism, dispose of that waste without adherence to California hazardous waste laws. Today, six metal shredding facilities operate under f letter exemptions. DTSC itself has concluded that these six metal shredding facilities—by failing to properly contain the hazardous waste their operations generate—have released toxic pollutants into California's air, water, and soil.

Metal shredding facility pollution moves from the environment into people's bodies, where it causes both acute and long-lasting harm. DTSC acknowledges that metal shredder residue contains pollutants, including heavy metals like lead, that can cause irreversible health impacts. And DTSC admits that these burdens are not distributed evenly among Californians: exempt metal shredding facilities are in some of the most pollution-burdened and vulnerable communities in the state. These are the communities that are least able to bear additional health and environmental harms.

DTSC also acknowledges that the Legislature intended that DTSC rescind the f letter exemptions. But DTSC's interpretation of SB 1249 would allow the agency to delay rescission—and thus more robust protections for public health and the environment—indefinitely. The Court should not adopt an interpretation that, like DTSC's, would result in absurd consequences at odds with legislative intent. As the Legislature intended DTSC to take regulatory action, any reasonable interpretation of the law should require DTSC to act.

For the sake of communities facing the impacts of metal shredding facility pollution across California, and to effect the Legislature's intent, the Court should grant the petition.

#### **ARGUMENT**

- I. Toxic pollution from metal shredding facilities endangers people and environments across California
  - A. Noxious discharge from metal shredding facilities pollutes California's air, water, and soil, and can cause serious illness

"[E]ither not regulated adequately or entirely unregulated." These are DTSC's own words to describe waste management practices at exempt metal shredding facilities in California.

DTSC, Draft Evaluation and Analysis of Metal Shredding Facilities and Metal Shredder Wastes (2018 DTSC Evaluation) 67 (Jan. 2018) (Pet. Supp. Request for Judicial Notice, Ex. 18). DTSC has granted six metal shredding facilities "f letters:" special exemptions from hazardous waste regulation. This is despite the fact that these metal shredding facilities produce hazardous waste, despite DTSC's finding that "the most appropriate level of regulation" for these facilities "is a hazardous waste permit," *id.* at 112, and despite DTSC's conclusion that the facilities are not adequately regulated to protect public health and the environment, *id.* at 67.

When metal shredding facilities process cars and other appliances, the leftover material that cannot be recycled—such as shredded plastics, foams, and textiles—accumulates into a

"light fibrous material" known as "auto fluff." Auto fluff can contain myriad pollutants, including heavy metals such as lead, zinc, copper, and cadmium.<sup>2</sup> *Id.* at 11, 66-67.

Given that DTSC allows the exempt metal shredding facilities to accumulate and store their hazardous waste without adequate controls, it is unsurprising that all six metal shredding facilities have polluted surrounding communities with dangerous contaminants. *See, e.g., id.* at 56, 57, 63. Rain falling on exposed piles of auto fluff has washed heavy metals into the soil and surrounding waterways. Indeed, DTSC recognizes that some exempt metal shredders have "routine[ly] exceed[ed]" state limits on lead in stormwater discharges, *id.* at 57, violated state and federal clean water standards, *id.*, and contaminated surrounding soil with lead, zinc, copper, and cadmium, *id.* at 63. Exposed auto fluff has also blown offsite, spreading contamination to the soil and water where it lands. *Id.* at 55, 57.

As metal shredder pollution moves from the environment into people's bodies through ingestion of contaminated soil or inhalation of contaminated shredder dust,<sup>4</sup> it can cause both

<sup>&</sup>lt;sup>2</sup> Amici focus on the most common heavy metal pollutants that metal shredders release. In 2018, however, metal shredders released at least twenty-three different pollutants into the environment, including methylene chloride, ammonia, and trichlorofluoromethane, and known carcinogens benzene and polychlorinated biphenyls. *See Facility Search Engine*, Cal. Air Res. Bd., <a href="http://bit.ly/3419RbN">http://bit.ly/3419RbN</a> (last visited Jan. 5, 2021) (search for each exempt metal shredder facility by facility name, click "submit," then click on facility name to show pollutant details; data for Ecology Auto Parts in Colton not available). Schnitzer's facility exceeds California's high priority enforcement threshold because it emits high levels of cancer-causing pollutants in the Bay Area air district. *See id.* (Schnitzer Steel Products Company facility details).

<sup>&</sup>lt;sup>3</sup> Amicus curiae San Francisco Baykeeper has documented auto fluff pollutants blowing into the Bay from Schnitzer Steel since 2012. *See* S.F. Baykeeper, Comment Letter on San Francisco Bay Regional Water Board Tentative Cleanup and Abatement Order for Schnitzer Steel Products Company 2, 3 (Oct. 19, 2012), <a href="https://bit.ly/2WkWX99">https://bit.ly/2WkWX99</a>; *see also Curbing Pollution from an Oakland Auto Shredder*, S.F. Baykeeper (Apr. 16, 2013), <a href="http://bit.ly/2KGh9zD">http://bit.ly/2KGh9zD</a>; *Baykeeper on Patrol: June 2018 Update*, S.F. Baykeeper (June 1, 2018), <a href="http://bit.ly/3oYS0PE">http://bit.ly/3oYS0PE</a> (both updating the public on San Francisco Baykeeper's efforts to monitor and reduce pollution from Schnitzer Steel).

<sup>&</sup>lt;sup>4</sup> Gerdau, *Material Safety Data Sheet: ASR* [Auto Fluff] 1, <a href="https://bit.ly/3mJtelg">https://bit.ly/3mJtelg</a> (last visited Jan 5, 2021) (discussing possible pathways for auto fluff to make its way into the body).

acute and long-lasting harm. Lead pollution is a classic, and tragic, example. There is no known safe level of lead exposure. When a person is exposed to lead, she absorbs it in her bones, blood, and tissues. *Id.* at 72. In adults, lead exposure can cause abdominal pain, loss of appetite, and weakness.<sup>5</sup> Prolonged lead exposure can cause depression, and can increase risks of heart disease, kidney disease, and infertility.<sup>6</sup> A pregnant person will pass lead through the placenta to the fetus, which can cause miscarriage and stillbirth.<sup>7</sup> Lead poisoning is particularly dangerous for infants and children, whose small bodies absorb more lead in proportion to their size; childhood lead exposure can cause reduced cognitive abilities, anemia, and even death.<sup>8</sup>

Metal shredding facilities also contaminate communities with cadmium, copper, and zinc, each of which presents additional threats to human and environmental health. Cadmium irritates the lungs, can damage the kidneys, and "is known to cause cancer, [and] developmental and reproductive harm." A study of San Francisco Bay Area children also found exposure to airborne cadmium linked to autism. Because cadmium binds to organic matter, it can also move from contaminated soil into plants, tainting food. *See* 2018 DTSC Evaluation at 72. Copper exposure at high levels can cause kidney damage, liver damage, and death. I Zinc, too, threatens

<sup>&</sup>lt;sup>5</sup> Ctrs. for Disease Control & Prevention, *Health Problems Caused by Lead* (last visited Jan. 5, 2021), <a href="http://bit.ly/2WqHLY3">http://bit.ly/2WqHLY3</a>; Agency for Toxic Substances & Disease Registry, *ToxFAQs: Lead* 1 (Aug. 2020) <a href="https://bit.ly/2J5nC72">https://bit.ly/2J5nC72</a>.

<sup>&</sup>lt;sup>6</sup> Ctrs. for Disease Control & Prevention, supra n.5.

<sup>&</sup>lt;sup>7</sup> *Id*.

<sup>&</sup>lt;sup>8</sup> DTSC, Lead in Jewelry, <a href="http://bit.ly/3mAwlM2">http://bit.ly/3mAwlM2</a> (last visited Jan. 5, 2021).

<sup>&</sup>lt;sup>9</sup> Cal. Off. Envt'l Health Hazard Assessment, *Cadmium Proposition 65 Fact Sheet* 2, <a href="https://bit.ly/38annjm">https://bit.ly/38annjm</a> (last visited Jan. 5, 2021).

<sup>&</sup>lt;sup>10</sup> See generally Gayle Windham et al., Autism Spectrum Disorders in Relation to Distribution of Hazardous Air Pollutants in the San Francisco Bay Area, 114 Envt'l Health Perspectives 1438 (Sept. 2006), <a href="https://bit.ly/3pSzPM3">https://bit.ly/3pSzPM3</a>.

<sup>&</sup>lt;sup>11</sup> Agency for Toxic Substances & Disease Registry, *ToxFAQs: Copper* 1 (Sept. 2004), <a href="https://bit.ly/3nsPMHY">https://bit.ly/3nsPMHY</a>.

human health: in people, it can cause anemia and changes in cholesterol levels.<sup>12</sup> In large amounts, it can cause infertility in animals.<sup>13</sup> In aquatic ecosystems, copper accumulates in animals that feed by filtration, such as mussels and oysters, *id.* at 73, and fish can absorb zinc through their gills.<sup>14</sup> When other animals, including people, consume seafood or freshwater fish with high levels of metal contamination, those metals accumulate in their bodies.<sup>15</sup>

#### B. Metal shredders disproportionately harm environmental justice communities

Toxic pollution from metal shredders disproportionately endangers low-income Black and Latinx communities. California purports to strive for environmental justice, defined as "[t]he deterrence, reduction, and elimination of pollution burdens for populations and communities experiencing the adverse effects of that pollution," and the elimination of "disproportionate[]" pollution effects on burdened communities. Cal. Gov't Code § 65040.12(e)(2)(B). Despite this goal, Black people, Latinx people, Indigenous peoples, and people living at or near the poverty line are more likely to live and work close to dangerous polluting facilities than White people or more affluent communities.<sup>16</sup>

The burdens environmental justice communities face accumulate and magnify each other.

People in environmental justice communities live closest to pollution sources, exposing them to

<sup>&</sup>lt;sup>12</sup> Agency for Toxic Substances & Disease Registry, *ToxFAQs: Zinc* 1 (Aug. 2005) https://bit.ly/34qJQb2.

<sup>&</sup>lt;sup>13</sup> *Id*.

<sup>&</sup>lt;sup>14</sup> Vyshal Delahaut et al., *Toxicity and bioaccumulation of Cadmium, Copper and Zinc in a direct comparison at equitoxic concentrations in common carp (Cyprinus carpio) juveniles*, PLOS One (Apr. 9, 2020), <a href="https://doi.org/10.1371/journal.pone.0220485">https://doi.org/10.1371/journal.pone.0220485</a>.

<sup>&</sup>lt;sup>15</sup> See Nat'l Envt'l Just. Advisory Council, Fish Consumption and Environmental Justice 64 n.182 (Nov. 2002), <a href="https://bit.ly/3pIanbY">https://bit.ly/3pIanbY</a> (listing cadmium, zinc, and copper as chemicals that have given rise to at least one health warning against consuming locally caught fish).

<sup>&</sup>lt;sup>16</sup> See generally Envt'l Just. Health All. et al., Life at the Fenceline: Understanding Cumulative Health Hazards in Environmental Justice Communities (Sept. 2018), <a href="https://bit.ly/3ajtLI6">https://bit.ly/3ajtLI6</a>.

higher concentrations of pollution than other communities.<sup>17</sup> Living near industrial operations also leaves environmental justice communities most at risk from industrial upsets and disasters, such as fires.<sup>18</sup> Despite these heightened risks and exposures, regulators are less likely to enforce environmental laws in communities of color.<sup>19</sup> This enforcement neglect is particularly harmful for environmental justice communities. People living in overburdened environmental justice communities are less able to afford to protect themselves from pollution (for example, by moving away from the facility, buying a water filter, or installing an air purifier).<sup>20</sup> They also have less access to affordable health care, leaving them more susceptible to the effects of pollution.<sup>21</sup> Due to these accumulating burdens, people in environmental justice communities face heightened risks of illness and premature death.<sup>22</sup>

For the past thirty-four years, Californians living in environmental justice communities near the exempt metal shredding facilities have borne the disproportionate burden of DTSC's inaction. DTSC knows this. DTSC has concluded that the location of metal shredding facilities in environmental justice communities "demonstrates that any release of metal shredder wastes or metal shredder waste [contaminants] would impact populations that are already burdened by other environmental factors," and that such communities "may exhibit greater sensitivity" to

<sup>&</sup>lt;sup>17</sup> *Id*.

<sup>&</sup>lt;sup>18</sup> *Id.* at 10, 11.

<sup>&</sup>lt;sup>19</sup> See generally Marianne Lavelle & Marcia Coyle, *Unequal Protection: The Racial Divide* in Environmental Law, 15 Nat'l L.J. S2, Sept. 1992, at 1, <a href="https://www.ejnet.org/ej/nlj.pdf">https://www.ejnet.org/ej/nlj.pdf</a>; see also NRDC et al., *Watered Down Justice* 4 (Sept. 2019), <a href="https://on.nrdc.org/37pRrs9">https://on.nrdc.org/37pRrs9</a>.

<sup>&</sup>lt;sup>20</sup> Cal. Envt'l Just. All., *CalEnviroscreen: A Critical Tool for Achieving Environmental Justice in California* 5 (2018), <a href="https://bit.ly/3amjgDF">https://bit.ly/3amjgDF</a>. California governments use CalEnviroscreen to quantify community vulnerability to pollution.

<sup>&</sup>lt;sup>21</sup> *Id*.

<sup>&</sup>lt;sup>22</sup> See, e.g., C. Arden Pope, et. al., *Fine-Particulate Air Pollution and Life Expectancy in the United States*, New Eng. J. of Med. 360, 376-86 (Jan. 22, 2009), <a href="https://bit.ly/35fTL3x">https://bit.ly/35fTL3x</a>.

pollution from metal shredding facilities.<sup>23</sup> 2018 DTSC Evaluation at 85. DTSC's own analysis found that three of the six exempt metal shredding facilities are "not only located in disadvantaged communities . . . but are among [the communities] most burdened by pollution" in California. *Id.* The remaining facilities are all located in communities that are more polluted than most other communities in the state. *See id.*Beyond the pollution from underregulated shredder waste discussed *supra* at 10-12,

environmental justice communities face additional pollution burdens from metal shredding facilities. All six exempt facilities have permits that allow them to emit air pollution, including fine and coarse particulate matter (PM2.5 and PM10, respectively). 2018 DTSC Evaluation at 34. Particulate matter can cause grave health problems; PM2.5 exposure alone contributes to 5,400 premature deaths in California every year<sup>24</sup> and is correlated to deaths from COVID-19.<sup>25</sup> And California's network of air monitors likely underestimates the amount of PM2.5 and other air pollutants released from metal shredding facilities.<sup>26</sup> Moreover, air pollution from metal shredding facilities includes air toxics, like lead. *Id.* at 33.

<sup>&</sup>lt;sup>23</sup> The six exempt metal shredders are located in Oakland, Redwood City, Bakersfield, Terminal Island (in the Port of Los Angeles), Anaheim, and Colton. 2018 DTSC Evaluation at 23.

<sup>&</sup>lt;sup>24</sup> In 2018, the six shredders emitted at least 4.8 tons of particulate pollution. *See Facility Search Engine*, Cal. Air Res. Bd., *supra* n.2. Particulate pollution damages the cardiovascular system, which can have both immediate and long-term health consequences, especially for children. *Inhalable Particulate Matter and Health (PM2.5 and PM10)*, Cal. Air Res. Bd., <a href="http://bit.ly/3oWHWGX">http://bit.ly/3oWHWGX</a> (last visited Jan. 5, 2021).

<sup>&</sup>lt;sup>25</sup> Anushka Bhaskar, et al., *Air pollution, SARS-CoV-2 transmission, and COVID-19 outcomes* 11 (Aug. 20, 2020), <a href="https://bit.ly/3pLeAf9">https://bit.ly/3pLeAf9</a> (twelve out of twelve short-term scientific studies found a statistically significant positive association between PM2.5 exposure and COVID-19 health outcomes).

<sup>&</sup>lt;sup>26</sup> See Tim McLaughlin et al., Special Report: U.S. Air Monitors Routinely Miss Pollution - Even Refinery Explosions, Reuters (Dec. 1, 2020), <a href="http://reut.rs/2WiE4ns">http://reut.rs/2WiE4ns</a>.

Environmental justice communities near metal shredding facilities also face the risk of catastrophic fires, which not only degrade air quality, but put lives and property in immediate peril. Dust from auto fluff piles is a fire hazard.<sup>27</sup> In the absence of regulations requiring auto fluff—like other hazardous wastes—to be properly contained and managed, DTSC allows metal shredding facilities to leave the fluff in enormous, exposed piles with negligible fire controls. *See* DTSC Evaluation at 50-52. Metal shredding facilities have thus become accidents waiting to happen. And numerous accidents *have* happened. DTSC found that between 2008 and 2018, four of the six exempt metal shredding facilities had fires, and two had multiple fires. Some fires resulted in shelter-in-place orders for nearby residents, and all emitted unknown amounts of hazardous materials into the air. *See id.* at 57. At one facility, a pile of auto fluff left sitting in the sun—thirty-feet high and the size of half a football field—ignited, sending black smoke high into the sky visible from around the Bay, and requiring more than thirty firefighters to respond.<sup>28</sup> That facility was Schnitzer:



Figure 1: 2018 fire at Schnitzer Steel.<sup>29</sup>

<sup>&</sup>lt;sup>27</sup> Gerdau, *supra* n. 4, at 1 ("[g]eneration of large quantities of airborne dusts and particulates may produce a fire hazard").

<sup>&</sup>lt;sup>28</sup> Kimberly Veklerov, *Fire at Oakland recycling plant sends black plume into sky*, S.F. Chron. (June 4, 2018), 2018 WLNR 17192131.

<sup>&</sup>lt;sup>29</sup> Peter Hegarty, *Fire Breaks Out at Schnitzer Steel in Oakland*, E. Bay Times (updated June 4, 2018 at 4:58 a.m.), <a href="http://bayareane.ws/2Kw3Vpc">http://bayareane.ws/2Kw3Vpc</a>.

Another facility, which also kept scrap metal in a thirty-foot-high exposed heap, had back-to-back fires in 2013, prompting health complaints from community members. *Id.* at 63, 64.

Unfortunately, so long as the f letter exemptions remain in place, the fear, uncertainty, and health impacts of similar industrial disasters will remain a reality for people living near these exempt metal shredding facilities.

## II. DTSC's interpretation of SB 1249 perpetuates the exact harms the California Legislature sought to remedy

The judiciary's role in statutory interpretation is effecting the Legislature's intent. The first step of statutory interpretation is examining the statute's plain language. If that language is clear, courts follow the plain meaning "unless a literal interpretation would result in absurd consequences the Legislature did not intend." Sierra Club v. Superior Ct., 57 Cal. 4th 158, 165-66 (2013). When the statute's plain meaning and the "manifest purposes of the statute in light of its legislative history" conflict, courts construe the statute to give effect to legislative intent.

Granberry v. Islay Invs., 161 Cal. App. 3d 382, 384 (Ct. App. 1984); accord Jackpot Harvesting

Co. v. Superior Ct., 26 Cal. App. 5th 125, 139-40 (Ct. App. 2018). And if statutory language would permit more than one plausible interpretation, courts may consider the statute's purpose, legislative history, and public policy to determine the best interpretation. See Jackpot Harvesting

Co., 26 Cal. App. 5th at 140. Above all, the court's "fundamental task . . . is to determine the Legislature's intent so as to effectuate the law's purpose." Sierra Club, 57 Cal. 4th at 165.

DTSC argues for an absurd interpretation of the Metal Shredders Facilities Law, which the Court should not accept. DTSC has previously admitted that "the legislature passed SB 1249 with the intent that the [f letters] be revoked." This is no surprise, given the statutory preamble says precisely that. SB 1249 § 1(f). But in this case, DTSC argues that, to effectuate this intent,

<sup>&</sup>lt;sup>30</sup> DTSC, SB 1249, https://dtsc.ca.gov/metal-shredders-sb-1249/ (last visited Jan. 5, 2021).

the Legislature gave DTSC neither a mandate nor a deadline for action. Resp't Dem. at 11. Instead, DTSC claims that the Legislature only intended that the "f letters' would *eventually* be rescinded," *id.* (emphasis added), while identifying no limiting principle for what "eventually" might mean.

DTSC's suggestion that SB 1249 gave it infinite time to decide whether and how to rescind the f letter exemptions contravenes stated legislative intent. The Legislature passed SB 1249 to address urgent environmental and public health threats from metal shredding facilities, in the face of decades of under-regulation and delay by DTSC. *See* 2018 DTSC Evaluation at 13-17; SB 1249 § 1(b)-(e) (reviewing, in statutory preamble, DTSC's multidecade failure to regulate metal shredder waste as hazardous); Pet'r Mem. Supp. Issuance of Writ at 16-22 (detailing the statute's legislative history). The statute's author specifically cited metal shredding facilities' "risk to public health and the environment," the contamination of nearby communities, and repeated fires. Sen. Comm. on Envt'l Quality, April 29, 2014 Analysis of SB 1249 7, 8 (2013–2014 Reg. Sess.). The author emphasized that, in light of these health and environmental hazards, "[metal shredding] operations are not adequately regulated," *id.* at 7—a conclusion, after years of study, with which DTSC agreed. *See* 2018 DTSC Evaluation at 67-68. The statute as a whole underscores the Legislature's intent that DTSC act decisively to adequately regulate these long underregulated facilities. *See* Pet'r Reply at 17.

The Court should reject DTSC's argument that the Legislature intended DTSC to revoke the f letter exemptions but provided the agency no mandate or deadline to apply adequate hazardous waste regulations to metal shredding facilities. This is the case regardless of how the Court resolves the parties' competing arguments as to the plain meaning of SB 1249. Whether the statute, read in isolation from legislative history, is clear or ambiguous, the Court must ensure that any interpretation of the statute does not result in absurd consequences undercutting

	legislative intent. DTSC's interpretation fails this basic test. The Legislature intended DTSC to		
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	rescind the f letters. Legislative history underscores the urgency behind the bill and the		
2 3	Legislature's frustration with DTSC's decades-long failure to properly regulate metal shredding		
4	facilities. But DTSC's interpretation would allow the agency to do <i>nothing</i> at all, perpetuating		
5	the precise harms to environmental justice communities, public health, and the environment that		
6 7	the Legislature sought to remedy. The Court should reject any interpretation—like DTSC's—that		
8	leads to such an absurd result.		
9	CONCLUSION		
10	Amici support the relief Petitioner seeks in this case: an order compelling DTSC to		
11	rescind Schnitzer's f letter and to require Schnitzer to operate the facility in compliance with		
12	California hazardous waste law. Such a ruling will be the first step toward adequate regulation of		
13	metal shredders across California.		
14			
15	Dated: January 8, 2021 Respectfully submitted,		
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